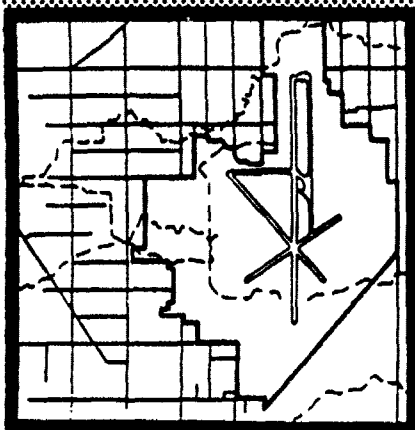


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**INSTALLATION RESTORATION PROGRAM (IRP)
STAGE 7
McCLELLAN AIR FORCE BASE**

**PREPARED BY:
Radian Corporation
10395 Old Placerville Road
Sacramento, California 95827**

FEBRUARY 1991

**OPERABLE UNIT B
SOIL GAS INVESTIGATION
DATA SUMMARY REPORT**



**PREPARED FOR:
McCLELLAN AFB / EM
McCLELLAN AFB, CALIFORNIA 95652-5990**

**United States Air Force
Human Systems Division (AFSC)
IRP Program Office (HSD/YAQ)
Brooks Air Force Base, Texas 78235-5501**

**RADIAN
CORPORATION**

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| <p>→ This document presents a summary of data compiled during the McClellan AFB Operable Unit B Soil Gas Investigation, including results of all field activities and recommendations for further investigation of 40 Sites, Potential Release Locations, Study Areas, and Special Study Areas in Operable Unit B. → (to pg. 2-1)</p> | | | | | |
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INSTALLATION RESTORATION PROGRAM
STAGE 7

OPERABLE UNIT B SOIL GAS INVESTIGATION
DATA SUMMARY 2

DRAFT

FOR

McCLELLAN AFB/EM
McCLELLAN AFB, CALIFORNIA 95652-5990

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February 1991

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USAF CONTRACT NO. F33615-90-D-4013, DELIVERY ORDER NO. 0002
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IRP PROGRAM OFFICE (HSD/YAQ)
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HUMAN SYSTEMS DIVISION (AFSC)
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NOTICE

This report has been prepared for the Air Force by Radian Corporation for the purpose of aiding in the implementation of a final remedial action plan under the Air Force installation Restoration Program (IRP). As the report relates to actual or possible releases of potentially hazardous substances, its release prior to an Air Force final decision on remedial action may be in the public's interest. The limited objectives of this report and the ongoing nature of the IRP, along with the evolving knowledge of site conditions and chemical effects on the environment and health, must be considered when evaluating this report, since subsequent facts may become known which may make this report premature or inaccurate. Acceptance of this report in performance of the contract under which it is prepared does not mean that the Air Force adopts the conclusions, recommendations, or other views expressed herein, which are those of the contractor only and do not necessarily reflect the official position of the Air Force.

PREFACE

Radian Corporation is the contractor for the RI/FS program at McClellan AFB, California. This work was performed for the Human Systems Division (AFSC), Installation Restoration Program Office (HSD/YAQ) under Air Force Contract No. F33615-90-D-4013, Delivery Order 0002.

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Radian would like to acknowledge the cooperation of the McClellan AFB Office of Environmental Management. In particular, Radian acknowledges the assistance of Mr. Mario Ierardi and Mr. Bud Hoda.

The work presented herein was accomplished between September 1990 and December 1990. Mr. Patrick Haas was the Technical Program Manager, and Capt. Henry Thompson, Human Systems Division (AFSC), Installation Restoration Program Office (HSD/YAQ), was the Contracting Officer's Technical Representative.

Approved: _____

Nelson H. Lund, P.E.

Contract Program Manager

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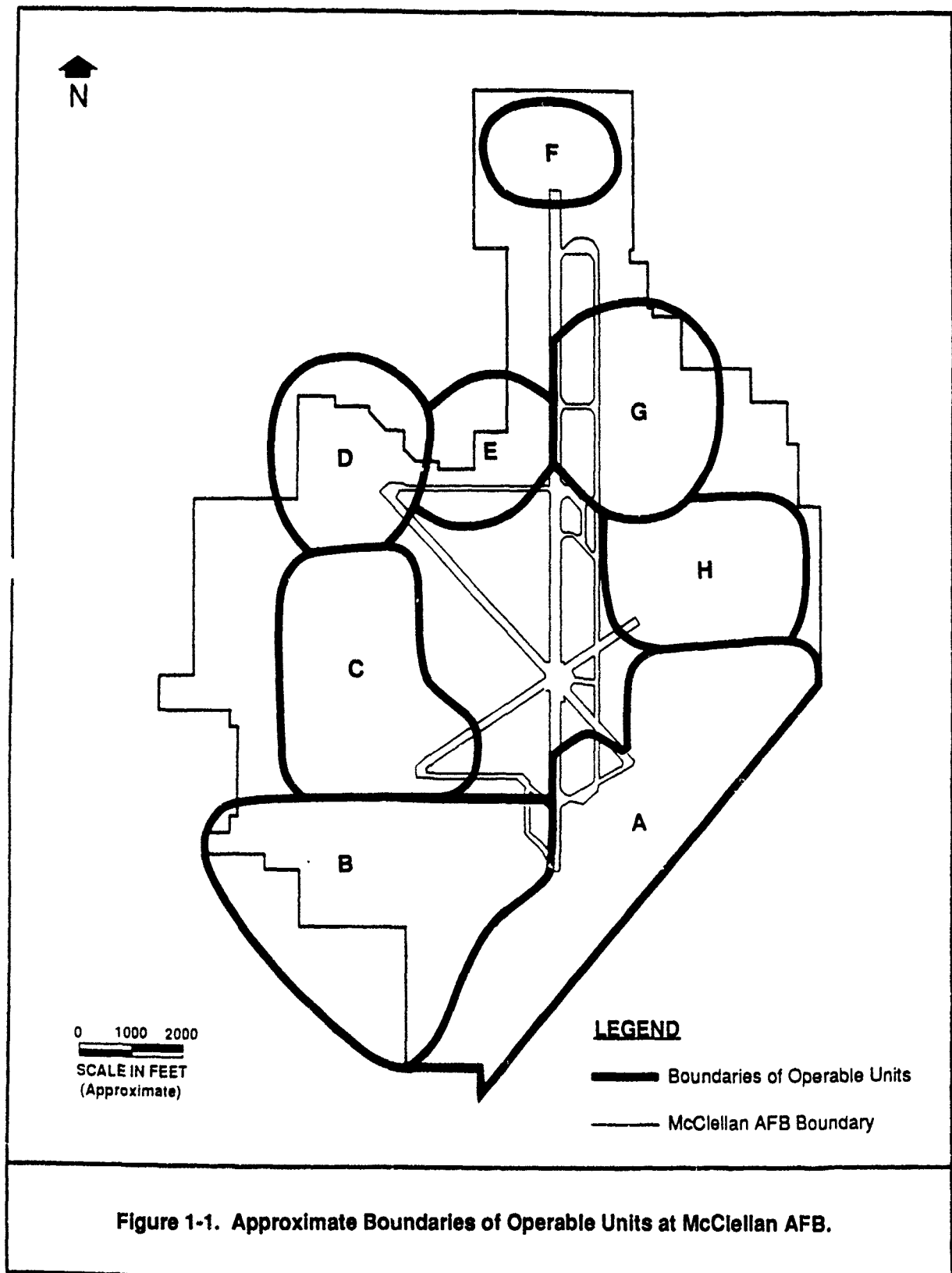
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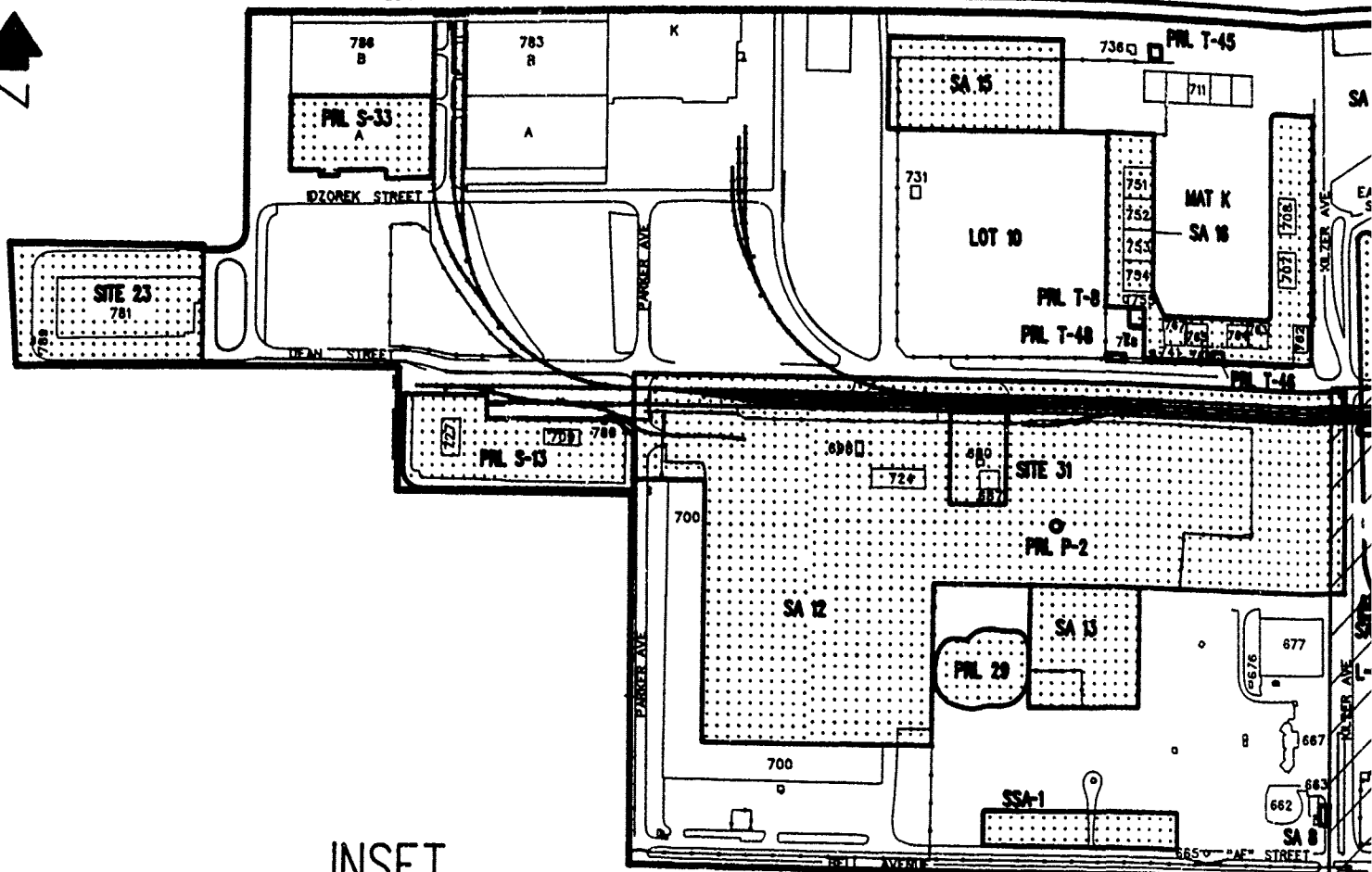
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1.6 INTRODUCTION

This data summary is the second of two reports used to present the results of the soil gas investigation in Operable Unit (OU) B at McClellan Air Force Base (AFB) (Figure 1-1). The first data summary prepared in December 1990, presented the preliminary results of the first half (September 1990 through 15 October 1990) of the OU B soil gas investigation. This data summary presents the results of all field activities and recommendations for further investigation of the Sites, Potential Release Locations (PRLs), Study Areas (SAs), and Special Study Areas (SSAs) investigated during the OU B Soil Gas Investigation (Figure 1-2). Section 2.0 briefly discusses the technical approach used in obtaining the soil gas and soil data. Preliminary soil gas and soil results are discussed in Section 3.0. Recommendations for further action are presented in Section 4.0. Complete data sets for each site are included in Appendices A through E. The appendices include both data tables and maps showing concentration isopleths of total halogenated volatile organic compounds (HVOCs) and total aromatic volatile organic compounds (AVOCs). Appendix F provides lithologic logs for the 10 borings drilled during the soil gas validation study. An analysis of the validation study is presented in the OU B Remedial Investigation Sampling and Analysis Plan (Radian, 1991).

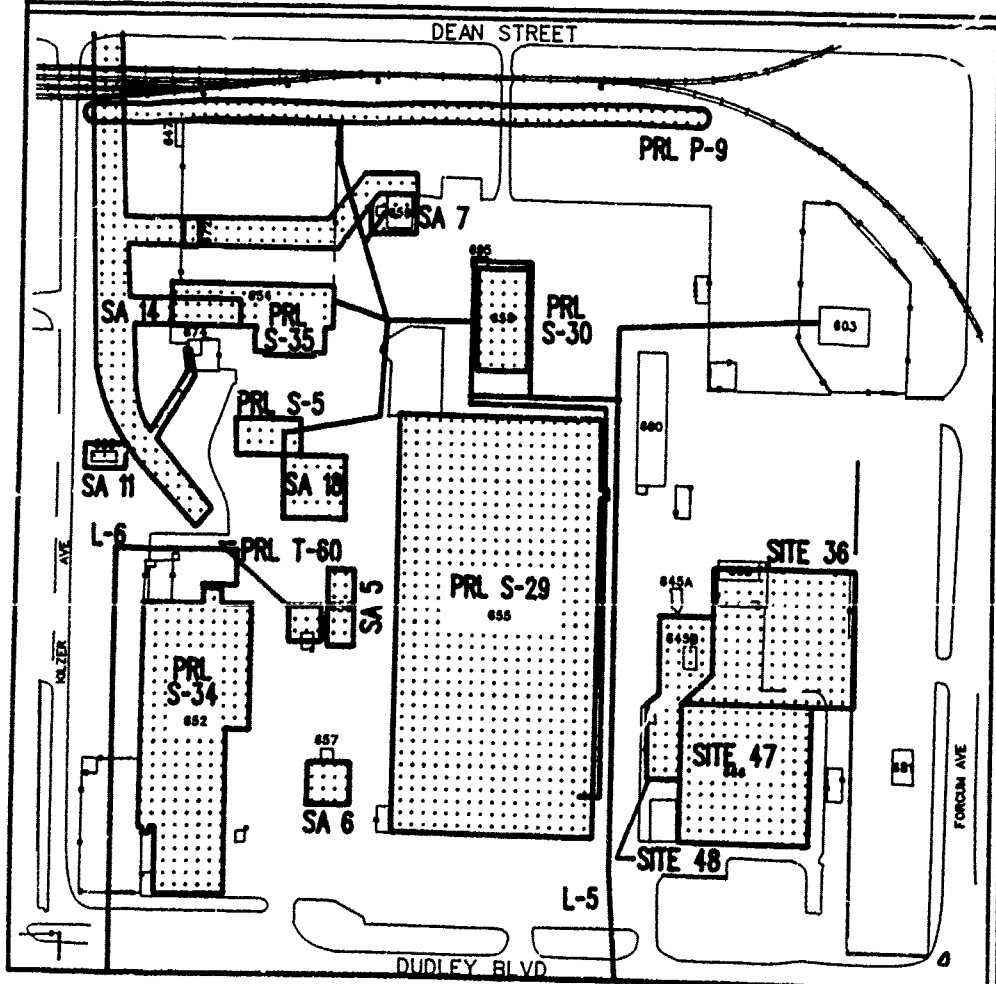


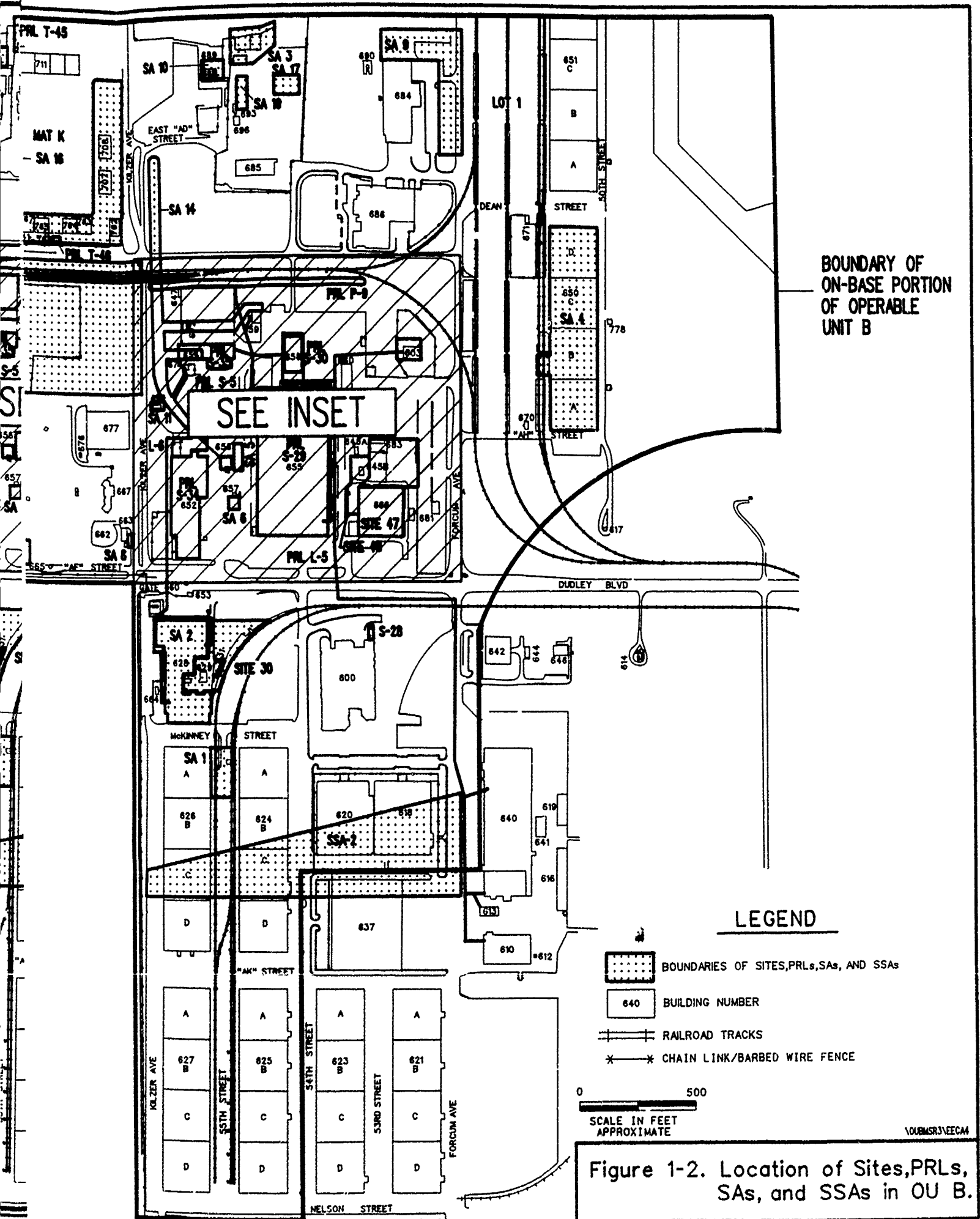
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2.0 TECHNICAL APPROACH

The following is a brief discussion of the sampling strategy and procedures used during the soil gas investigation. For a detailed presentation of the technical approach applied in the soil gas investigation, refer to the Operable Unit B (OU B) Soil Gas Investigation Work Plan (Radian, 1990a).

2.1 Soil Gas Sampling Strategy

(cont)

→ Soil gas sampling and analysis was used as a screening tool to identify areas where shallow soils and soil gas have been contaminated with volatile organic compounds¹ (VOCs). A total of 41 sites¹ were investigated during the investigation. These sites include 7 Sites, 14 Potential Release Locations (PRLs), 18 Study Areas (SAs), and 2 Special Study Areas (SSAs) (Table 2-1). With the exception of Site 24, the information obtained during this investigation will be used to select soil sampling locations for the OU B Remedial Investigation (OU B RI); data collected from Site 24, located in OU A, will be used in the OU A RI. (M.M.)

Soil gas samples collected during the OU B Soil Gas Investigation serve two purposes: 1) to help in locating areas where VOC contamination occurs in the soil, thereby targeting areas for future soil sampling; and 2) to delineate areas where VOCs in soil gas may require remediation. Soil gas contamination occurs when a fraction of the VOC liquid trapped in the soil (for example, at a waste disposal site where solvents containing VOCs were discharged into the ground) evaporates into the gas phase in the spaces between soil particles. The presence and migration of VOC contamination in soil gas depends upon a variety of parameters, including chemical and physical properties of the soil, extent of the VOC contamination; physical properties of the VOCs, and artificial obstructions and pathways (e.g., trenches and building foundations). In addition, the position of the soil gas probe in the soil relative to the VOC contamination source may also affect the ability of the probe to detect the contamination.

The VOCs enter soil gas as VOC-containing liquid migrates through pores between soil particles, and the volatile liquid constituents vaporize. Near-surface soil

¹ Throughout this report, the word "site" is used as a geographical reference within OU B, whether a building, the place an activity occurred, or an area under investigation. The words "site," "location," or "area" have been used interchangeably as geographic references. The word "site" is not intended to imply the confirmed presence of soil or groundwater contamination; such a reference would be to a "Site" or a "Confirmed Site."

TABLE 2-1. SITES STUDIED DURING THE OPERABLE UNIT B SOIL GAS INVESTIGATION

| Sites | Potential Release Locations | Study Areas | Special Study Areas |
|----------------------|-----------------------------|-------------|---------------------|
| Site 23 | PRL L-5 | SA 1 | SSA 1 |
| Site 24 ^a | PRL L-6 | SA 2 | SSA 2 |
| Site 30 | PRL P-2 | SA 3 | |
| Site 31 | PRL P-9 | SA 4 | |
| Site 36 | PRL S-5 | SA 5 | |
| Site 47 | PRL S-13 | SA 6 | |
| Site 48 | PRL S-28 | SA 7 | |
| | PRL S-29 | SA 8 | |
| | PRL S-33 | SA 9 | |
| | PRL S-34 | SA 10 | |
| | PRL S-35 | SA 11 | |
| | PRL T-8 | SA 12 | |
| | PRL T-45 | SA 14 | |
| | PRL T-46 | SA 15 | |
| | | SA 16 | |
| | | SA 17 | |
| | | SA 18 | |
| | | SA 19 | |
| <hr/> | | | |
| TOTAL | 7 | 14 | 2 |

^a The site was part of the soil gas validation study and is located in Operable Unit A.

PRL = Potential Release Location
 SA = Study Area
 SSA = Special Study Area

gas measurements reflect the fraction of the VOCs (in the gas phase) that are migrating upwardly or laterally. A larger fraction of the VOCs in the soil gas move downward by displacing less dense soil gases, which consist of a mixture of air, water vapor, and natural organic gases. The spreading VOC-contaminated soil gases are contaminant plumes similar to the contaminants distributed in groundwater except they are affected less by hydraulic gradients, especially near sources. Because VOC plumes decrease in concentration as they migrate away from source areas, VOC vapor concentrations in the soil gas will be greater closer to the VOC source.

The diversity of physical characteristics among the sites in OU B necessitated a variety of sampling strategies for placing soil gas probes. Strategies for placing initial soil gas probes were devised for: open unpaved areas, open areas where the pavement is 4 inches thick or less, paved open areas where the paving is greater than 4 inches thick, buildings or building foundations, known tank locations, unknown or uncertain tank locations, ditches, and underground pipelines.

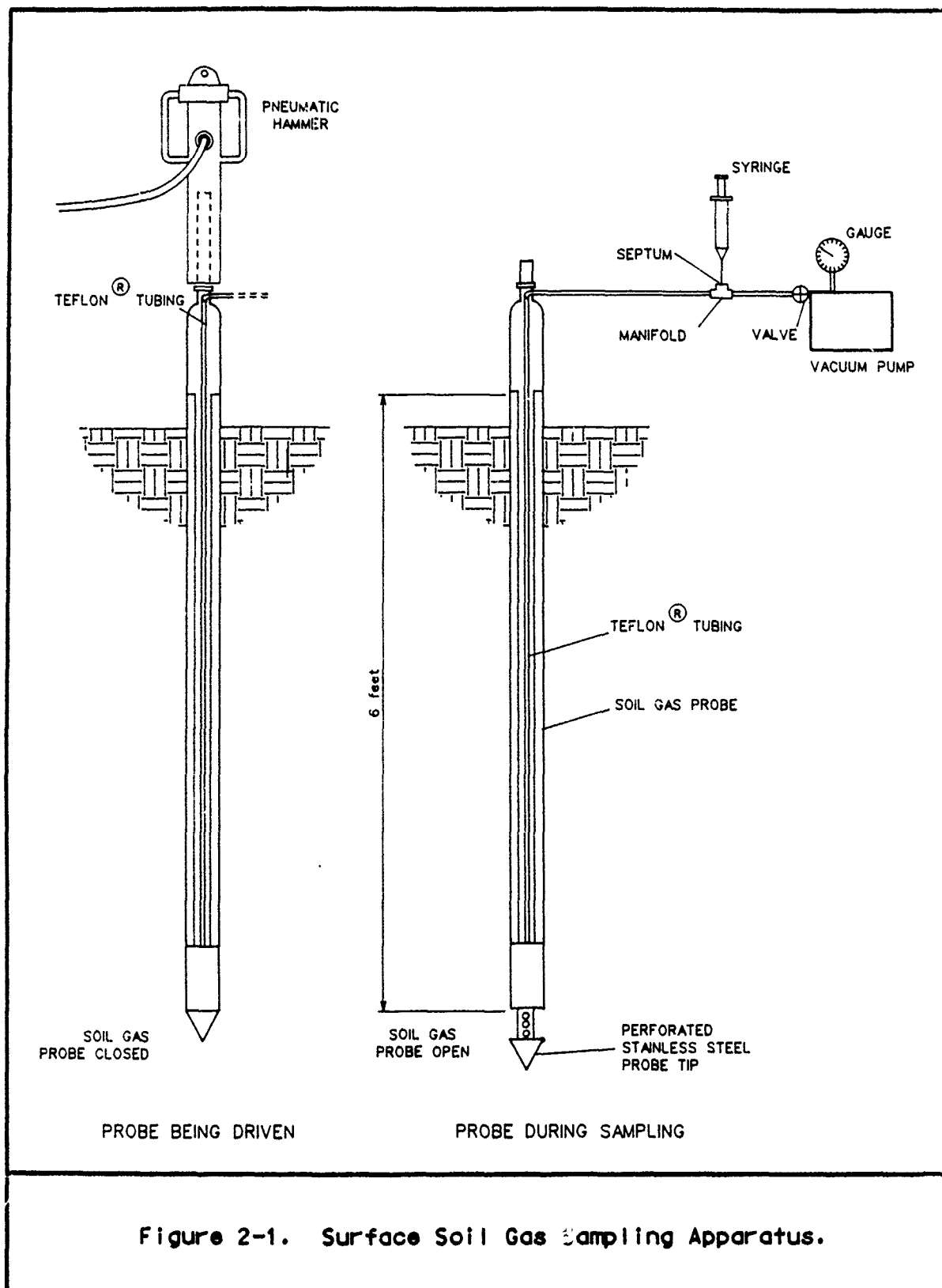
2.2 Sampling Procedures

Soil gas sampling consisted of collecting syringe samples of soil gas from surface and downhole probes for on-site analysis and collecting canister samples of soil gas for off-site analysis. Soil sampling consisted of collecting samples in stainless steel sleeves during drilling operations for off-site analysis.

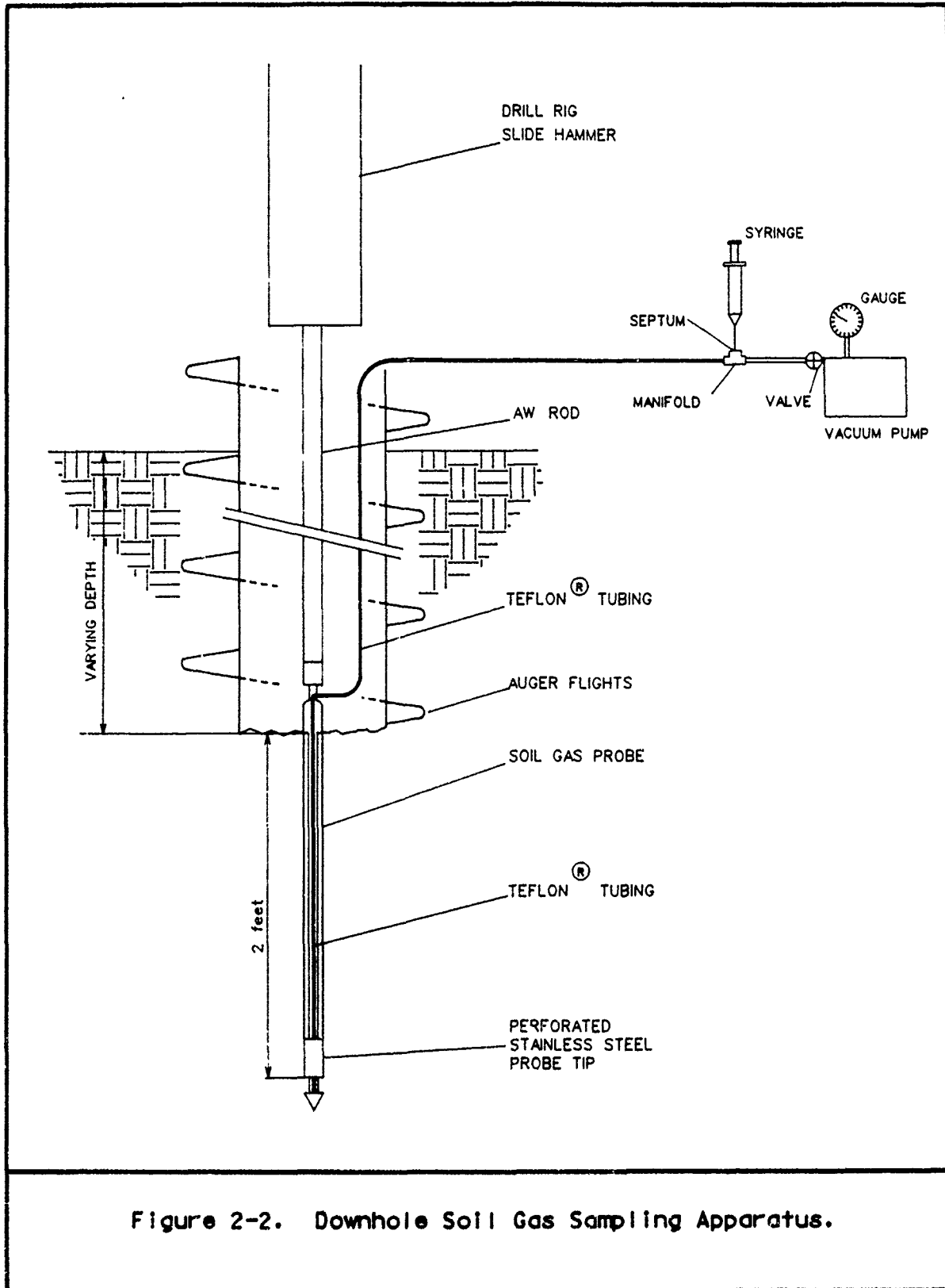
2.2.1 Soil Gas Sampling Procedures

The soil gas sample collection system consisted of a soil gas probe, a vacuum pump and gauge, Teflon® tubing, and a glass sampling syringe or stainless steel canister. An on-site field gas chromatograph (FGC) equipped with a flame ionization detector (FID) and an electron capture detector (ECD) was used to analyze soil gas samples and to provide rapid turnaround for decision-making by the sampling team.

The probes used for collecting soil gas samples consisted of chrome/molybdenum steel alloy tubes attached to a perforated, retractable, stainless steel probe tip (see Figures 2-1 and 2-2). Teflon® tubing extended from the retractable probe tip through the rod and exited at the top of the probe. A vacuum pump was used to evacuate the Teflon® tubing and collect a representative soil gas sample. The vacuum gauge was used to ensure that the appropriate vacuum was applied and that the tubing was free of obstructions or leaks. Glass syringes were used to collect the sample from



D02 SGPROBE 2/8/91



D02 SQPROBE 2/9/91

the soil gas drawn to the surface in the Teflon® tubing. For quality assurance and identification of compounds that could not be identified by FGC, samples were also collected using evacuated stainless steel canisters for off-site analysis.

Except for the equipment used to drive the soil gas probes into the ground, the procedures for collecting soil gas samples from shallow and deep soils were similar. In shallow soils, probes were driven a maximum of 6 feet into the ground with a pneumatic hammer (Figure 2-1). At depths greater than 6 feet, a hollow-stem auger rig was used to drill to the appropriate depth. At the required depth, the 140-pound slide hammer attached to the drill rig was used to drive the soil gas probe 2 feet beyond the auger head (Figure 2-2).

Once the probe was driven to the required depth, it was retracted a minimum of 3 inches to expose the perforated probe tip to the soil. The vacuum pump was then used to purge three to five tubing volumes of soil gas prior to sample collection. Soil gas samples were collected with syringes equipped with Mininert® valves and hypodermic needles. The syringes were inserted through a septum attached to a manifold, which consisted of Teflon® tubing and a stainless steel tee, at the point where the tubing exited the probe at the surface. A detailed description of soil gas syringe sampling is provided in Table 2-2. Canister samples were collected using the same general procedures as syringe samples, except the canisters were connected directly to the manifold and were opened to draw a soil gas sample under vacuum, as described in Table 2-3.

2.2.2 Soil Sampling Procedures

A hollow-stem auger was used to drill into the soil. The hollow-stem auger has a hollow helical drill tool that rotates to advance the boring and lifts formation materials (cuttings) to the surface. The hollow opening allows the insertion of sampling tools (e.g., split spoon sampler, downhole soil gas probe) with the augers in place to support the borehole.

A Mobile® B-53 drill rig equipped with 5.5-inch outer diameter (O.D.) hollow-stem augers was used to drill soil borings 6 inches in diameter and up to 80 feet deep. Each auger flight is 5 feet long and has an inside diameter of 3.5 inches. Prior to drilling at each location, all augers and drilling equipment that would come into contact with soil were thoroughly cleaned using high-pressure steam.

TABLE 2-2. DETAILED SOIL GAS SYRINGE SAMPLING PROCEDURES

-
1. Obtain "digging" permits through McClellan AFB Civil Engineering/Environmental Management (CE/EM).
 2. Measure probe locations on the ground surface and locate on the site map (probe locations will be measured from existing surveyed control points [wellheads or building corners]).
 3. Initiate field data sheet/chain-of-custody form.
 4. Lay plastic sheeting over site and set up probe driving equipment at sampling location.
 5. If paved, drill through pavement using a rotary hammer or rock drill.
 6. Retrieve a decontaminated probe and tip and assemble.
 7. Purge Teflon® tubing with vacuum pump for 3 to 5 minutes (7 to 10 for downhole samples).
 8. Drive surface probes 6 feet below ground surface (BGS) (3 feet minimum, if resistance is encountered). Drive downhole probes 2 feet past auger head. If obstruction is encountered, contact Radian Project Director immediately.
 9. Attach Teflon® tubing coming out of the probe to vacuum pump intake with Swagelok® fitting.
 10. Retract probe 2 to 3 inches to expose perforations in probe tip.
 11. Turn on vacuum pump and test vacuum (should be 10 to 29 inches of mercury). If vacuum is less than 10 inches of mercury, check for leaks or improper seal around probe, relocate probe after consulting with Radian Project Director. If vacuum is greater than 29 inches of mercury, retract probe another 2 to 3 inches while pulling vacuum until less than 29 inches of mercury is obtained; otherwise, relocate probe after consulting with Radian Project Director.
 12. Purge 3 to 5 tubing volumes of soil gas.
 13. Shut off pump valve and insert syringe hypodermic needle into sampling port septum in tubing.
 14. Purge syringe a minimum of three times before collecting sample by extracting 40 to 50 milliliters (mL) of soil gas into the syringe, removing syringe from the septum, and injecting it into a photoionization detector (PID) to get a real-time reading on the soil gas concentration.
 15. Collect sample by withdrawing 40 to 50 mL of soil gas into syringe, close mininert® valve on the syringe to isolate sample, and remove from septum.
-

(Continued)

TABLE 2-2. (Continued)

-
16. Cover syringe with black foam insulation; label sample with sample control number and complete chain-of-custody. Give sample and data sheet/chain-of-custody form to a Radian Sample Runner.
 17. Extract probe with jack and fill/patch hole with concrete.
 18. Purge Teflon® tubing with the vacuum pump 3 to 5 minutes (7 to 10 for downhole samples). If real-time PID readings exceed 3 parts per million by volume (ppmv), then tubing should be replaced.
 19. Mark locations with field tag or paint.
 20. Perform the following decontamination steps on probes/tips between probe locations:
 - Unclog perforations in the probe tip;
 - Wash probe with laboratory-grade detergent;
 - Steam clean probe (inside and outside);
 - Rinse probe with drinking water and reagent water; and
 - Rinse probe tip with methanol and cyclohexane.
-

TABLE 2-3. DETAILED SOIL GAS CANISTER SAMPLING PROCEDURES

-
1. Retrieve a pre-cleaned and certified 2.8 or 6 liter stainless steel canister for sampling.
 2. Attach the canister to the sampling manifold by means of a 1/4-inch Teflon® line with 1/4-inch stainless steel Swagelok® nuts and ferrules on either end.
 3. Attach the canister to the manifold at the tee which contains a nut and septum for syringe sampling.
 4. Attach the Teflon® line directly to the manifold and the side arm of the canister.
 5. Attach the vacuum pressure gauge to the top arm of the canister and open the valve briefly to record the initial vacuum pressure (P_1). P_1 should exceed negative 27 inches of mercury. Record this on chain-of-custody form.
 6. Purge the manifold with soil gas and allow to return to ambient pressure.
 7. Open top valve, check pressure, and record on chain-of-custody form. The pressure should be same as when initially checked.
 8. Collect the canister sample by opening the side valve and watching the vacuum gauge, the pressure should decrease slowly to -2 to -7 inches of mercury, close both valves and record final pressure (P_2) on chain-of-custody form.
 9. Cap the top and side valves of the canister with 1/4-inch Swagelok® caps to protect against leaking valves.
 10. Record the canister number and sampling location on the chain-of-custody form.
-

Continuous core samples were collected by conventional split spoon drive sampling and by the MOSS® sampling system. Samples were collected using a 5-foot continuous split barrel sampler containing 2.5-inch-diameter stainless steel sleeves. The sampling device was placed inside the lead auger. As the auger rotates, an undisturbed soil sample is forced up into the sampling device. Field information was logged onto geologic log forms and soil sample data sheets.

Soil samples were collected for chemical analysis from intervals of: 1-10 feet, 10-20 feet, 20-40 feet, 40-60 feet, and 60-80 feet if visual evidence or field photoionization detector (PID) readings indicated the presence of contamination. Sampling procedures and equipment are described in Section 5.7 of the McClellan AFB Quality Assurance Project Plan (QAPP) (Radian, 1990b). Samples were collected in stainless steel sleeves to provide an "undisturbed" solid sample (i.e., minimum handling and mixing).

2.3 Analytical Procedures

The following is a brief description of the analytical methods used to analyze the soil gas and soil samples collected during the OU B Soil Gas Investigation.

2.3.1 Soil Gas Analysis

On-site analysis of soil gas samples is a rapid screening procedure that provides same-day feedback to sampling personnel. The method was designed to detect a select group of VOCs that had been found previously in soil and water samples collected in OU B.

Soil gas syringe samples were analyzed using a Hewlett Packard 5890® Series II GC equipped with an ECD and FID. A 250-microliter, gas-tight syringe was used to remove an aliquot from the sampling syringe and inject it into the FGC. A "Y" splitter on the detector side of the FGC column allowed simultaneous detection of halogenated VOCs (HVOCs) on the ECD and aromatic VOCs (AVOCs) on the FID with a single injection. The halogenated compounds of interest were:

- trans-1,2-Dichloroethene (t-1,2-DCE);
- Chloroform;
- 1,1,1-Trichloroethane (1,1,1-TCA);
- Trichloroethene (TCE); and

- Tetrachloroethene (PCE).

Chloroform and 1,1,1-trichloroethane were found to coelute on the instrument and concentrations could not be measured separately (i.e., the peaks on the chromatograph were too close together to measure separately). The FGC/ECD was calibrated weekly with gas standards containing t-1,2-DCE, chloroform, 1,1,1-TCA, TCE, and PCE. The calibration standards for these compounds ranged from 10 to 100 parts per billion by volume (ppbv). Detection limits on the ECD range from .15 ppbv for PCE to 3 ppbv for t-1,2-DCE (Table 2-4). Refer to the OU B Soil Gas Quality Assurance/Quality Control letter report for a complete description of the detection limit study. Detection limits for individual samples were calculated by multiplying the method detection limit by the dilution factor.

The aromatic compounds of interest were:

- Benzene;
- Toluene;
- p-Xylene; and
- o-Xylene.

The FGC/FID was calibrated weekly with gas standards containing benzene, toluene, p-xylene, and o-xylene. The calibration standards for these compounds ranged from 5 to 50 parts per million by volume (ppmv). Detection limits on the FID ranged from 127 ppbv for toluene to 252 ppbv for benzene (Table 2-5). Detection limits for individual samples were calculated by multiplying the method detection limit by the dilution factor.

Canister samples were also collected at selected locations for more detailed laboratory analysis and compound speciation. Soil gas samples were collected in evacuated stainless steel canisters and analyzed using United States Environmental Protection Agency (U.S. EPA) Compendium Method TO-14. Samples were sent to two laboratories (Radian Analytical Services and Air Toxics Limited) for analysis. The method detection limits and analytes for each laboratory vary and are presented on Tables 2-6 and 2-7.

TABLE 2-4. METHOD DETECTION LIMIT FOR HALOGENATED VOCs USING THE FGC/ECD

| Compound | ADL (ppbv) |
|----------------------------------|------------|
| trans-1,2-Dichloroethene | 3.0 |
| Chloroform/1,1,1-trichloroethane | 0.64 |
| Trichloroethene | 0.81 |
| Tetrachloroethene | 0.15 |

ADL = Analytical detection limit for the FGC.
ppbv = Parts per billion by volume.

TABLE 2-5. METHOD DETECTION LIMIT FOR AROMATIC VOCs USING THE FGC/FID

| Compound | ADL (ppbv) |
|----------|------------|
| Benzene | 252 |
| Toluene | 127 |
| p-Xylene | 224 |
| o-Xylene | 242 |

ADL = Analytical detection limit for the FGC.
ppbv = Parts per billion by volume.

**TABL' 2-6. METHOD DETECTION LIMITS FOR U.S. EPA METHOD TO-14 GC/MS
FULL SCAN COMPOUNDS (RADIAN ANALYTICAL SERVICES)**

| Compound | MDL (ppbv) |
|---------------------------|------------|
| Benzene | 0.53 |
| Bromochloromethane | 0.68 |
| Bromodichloromethane | 0.47 |
| Bromoform | 0.47 |
| Bromomethane | 0.64 |
| 1,3-Butadiene | 0.66 |
| Carbon tetrachloride | 0.41 |
| Chlorobenzene | 0.48 |
| Chloroethane | 0.67 |
| Chloroform | 0.37 |
| Chloromethane | 0.40 |
| Chloroprene | 0.38 |
| Dibromochloromethane | 0.53 |
| m-Dichlorobenzene | 0.41 |
| o-Dichlorobenzene | 0.57 |
| p-Dichlorobenzene | 0.72 |
| 1,1-Dichloroethane | 0.51 |
| trans-1,2-Dichloroethene | 3.0 |
| 1,2-Dichloropropane | 0.41 |
| cis-1,3-Dichloropropene | 0.53 |
| trans-1,3-Dichloropropene | 0.66 |
| Ethylbenzene | 0.56 |
| Methylene chloride | 0.70 |
| n-Octane | 1.0 |
| Propylene | 3.5 |
| Styrene | 0.49 |
| i,1,2,2-Tetrachloroethane | 0.66 |
| Tetrachloroethene | 0.57 |
| Toluene | 0.81 |
| 1,1,1-Trichloroethane | 0.43 |
| Vinyl chloride | 0.42 |
| o-Xylene | 0.41 |
| m + p-Xylenes | 0.35 |

MDL = Method detection limit.
ppbv = Parts per billion by volume.

**TABLE 2-7. CANISTER METHOD DETECTION LIMITS FOR U.S. EPA METHOD
TO-14 GC/MS FULL SCAN COMPOUNDS (AIR TOXICS LTD.)**

| Compound | MDL (ppbv) |
|---------------------------|------------|
| Freon® 12 | 1.0 |
| Freon® 114 | 1.0 |
| Chloromethane | 1.0 |
| Vinyl chloride | 1.0 |
| Bromomethane | 1.0 |
| Chloroethane | 1.0 |
| Freon® 11 | 1.0 |
| 1,1-Dichloroethene | 1.0 |
| Freon® 113 | 1.0 |
| Methylene chloride | 1.0 |
| 1,1-Dichloroethane | 1.0 |
| cis-1,2-Dichloroethene | 1.0 |
| Chloroform | 1.0 |
| 1,1,1-Trichloroethane | 1.0 |
| Carbon tetrachloride | 1.0 |
| Benzene | 1.0 |
| 1,2-Dichloroethane | 1.0 |
| Trichloroethene | 1.0 |
| 1,2-Dichloropropane | 1.0 |
| trans-1,3-Dichloropropene | 1.0 |
| Toluene | 1.0 |
| cis-1,3-Dichloropropene | 1.0 |
| 1,1,2-Trichloroethane | 1.0 |
| Tetrachloroethene | 1.0 |
| Ethylene Dibromide | 1.0 |
| Chlorobenzene | 1.0 |
| Ethyl benzene | 1.0 |
| m,p-Xylene | 1.0 |
| o-Xylene | 1.0 |
| Styrene | 1.0 |
| 1,1,2,2-Tetrachloroethane | 1.0 |
| 1,3,5-Trimethylbenzene | 1.0 |
| 1,2,4-Trimethylbenzene | 1.0 |
| 1,3-Dichlorobenzene | 1.0 |
| 1,4-Dichlorobenzene | 1.0 |
| 1,2-Dichlorobenzene | 1.0 |
| 1,2,4-Trichlorobenzene | 1.0 |

(Continued)

TABLE 2-7. (Continued)

| Compound | MDL (ppbv) |
|---------------|------------|
| Propylene | 1.0 |
| 1,3-Butadiene | 10* |
| Chloroprene | 10* |
| Acetone | 1.0 |
| Cyclohexane | 1.0 |
| n-Octane | 1.0 |
| Bromoform | 1.0 |

MDL = Method detection limit.

ppbv = Parts per billion by volume.

* = Estimated detection limit.

2.3.2 Soil Analysis

Soils were analyzed for the following:

- Metals (Method 6010);
- Mercury (Method 7471);
- Pesticides and PCBs (Method 8080);
- VOCs (Method 8240);
- Semivolatile organic compounds (Method 8270);
- Dioxins and dibenzofurans (Method 8280);
- pH (Method 9045); and
- Water content (ASTM D2216).

The analytical methods and detection limits are described in Section 8.3 of the McClellan AFB QAPP (Radian, 1990b).

2.4 Decision Levels

Soil gas decision levels were established to provide a repeatable, systematic method for determining when additional soil gas probes were needed to determine the extent of a soil gas plume.

Independent soil gas concentration criteria were established for HVOCs and AVOCs. The decision level for any HVOC was 50 ppbv and the decision level for any AVOC or "unknown" compound was 500 ppbv. For a full description on how these criteria were determined, refer to the OU B Soil Gas Investigation Work Plan (Radian, 1990a).

For example, if the concentration of a HVOC detected in soil gas was equal to or greater than 50 ppbv, four additional step-out probes, one each on the north, south, east, and west sides of the original probe were assigned and sampled. Step-out probes were generally spaced 50 feet away from the original probe, except for probes along the Industrial Wastewater Line (IWL), which were spaced 25 feet apart. However, if pre-existing probe locations were in the vicinity of artificial obstructions (e.g., buildings), step-outs were not taken. Samples affected by high background or baseline drift in the FGC were not used to determine if additional step-out probes were required because the precision and accuracy of these data were suspect.

2.5 Database/Isopleth Plotting

After all soil gas samples were analyzed for a particular site, the analytical results, along with the soil gas probe locations, were stored in a computer. Isopleth (lines of equal VOC concentration in ppbv) maps were generated using the programs, GRID® and TOPO®, to graphically display soil gas target areas in OU B. GRID® creates a regularly spaced grid from irregularly spaced data. The grid spacing was 5, 10, 12.5, or 25 feet. Using TOPO®, the gridded data are plotted in an isopleth map of the site. The isopleth maps will be used to select soil sampling locations for the OU B RI and are provided in Appendix A.

3.0 ANALYTICAL RESULTS

This section presents analytical results for the soil gas and soil samples. Table 3-1 lists the sites where soil gas (syringe, canister, and downhole) and soil samples were collected. Site maps showing probe locations and isopleth maps depicting concentrations of total halogenated volatile organic compounds (HVOCs) and total aromatic volatile organic compounds (AVOCs) are presented in Appendix A. Total HVOC concentrations are the sum of the concentrations of trichloroethene (TCE), tetrachloroethene (PCE), trans-1,2-dichloroethene (t-1,2-DCE), 1,1,1-trichloroethane (1,1,1-TCA) and chloroform detected in soil gas samples. Total AVOC concentrations are the sum of the concentrations of benzene, toluene, and xylenes detected in soil gas samples. Syringe, canister, and downhole soil gas and soil sample data are presented in Appendices B, C, D, and E, respectively. Lithologic and drilling logs from the 10 soil borings are presented in Appendix F.

3.1 Isopleth Maps

Total HVOC and AVOC concentration isopleth maps were only prepared for sites at which one or more of the 8 analyte contaminants were detected (Appendix A). Isopleth maps for individual compounds were not made because the total HVOC and AVOC isopleth maps show the general contaminant plume trends and give a better indication of total contamination at a site. Because of limitations in the contouring program, TOPO®, the isopleth maps only represent the approximate isoconcentration lines (i.e., the contouring program "smoothed" the lines for presentation purposes).

Isopleth maps for sites in five areas of Operable Unit (OU) B were combined due to the close proximity of sites and soil gas probe locations. These combined areas depict the areal distribution of the soil gas plumes. The five areas are: the Building 655 area, the Building 628 area, the Building 688 area, Defense Reutilization and Marketing Office (DRMO) storage area, and Mat K (Table 3-2). The Building 655 area is bounded by Dudley Boulevard, Forcum Avenue, Dean Street, and Kilzer Avenue and encompasses 16 sites. The Building 628 area is bounded by Dudley Boulevard, Kilzer Avenue, McKinny Avenue, and 54th Street and encompasses three sites. The Building 688 area is the area between Building 688, Building 696, Magpie Creek, and Building 690 and encompasses 4 study areas. The DRMO storage area encompasses three sites. The Mat K area includes the probe locations on the closed sides of the aircraft hangars and encompasses three sites. Individual site isopleth maps

**TABLE 3-1. SAMPLES COLLECTED AT SITES, PRLs, SAs, AND SSAs DURING
 THE OPERABLE UNIT B SOIL GAS INVESTIGATION**

| Sites | Soil Gas | | | Soil |
|----------|----------------------|-----------------------|-----------------------|---------------------|
| | Syringe ^a | Canister ^b | Downhole ^c | Sleeve ^d |
| Site 23 | ✓ | ✓ | ✓ | ✓ |
| Site 24 | ✓ | | ✓ | ✓ |
| Site 30 | ✓ | ✓ | | |
| Site 31 | ✓ | | | |
| Site 36 | ✓ | ✓ | | |
| Site 47 | ✓ | ✓ | | |
| Site 48 | ✓ | ✓ | | |
| PRL L-5 | ✓ | ✓ | | |
| PRL L-6 | ✓ | ✓ | | |
| PRL P-2 | ✓ | | | |
| PRL P-9 | ✓ | | | |
| PRL S-5 | ✓ | | | |
| PRL S-13 | ✓ | ✓ | | |
| PRL S-28 | ✓ | ✓ | | |
| PRL S-29 | ✓ | | | |
| PRL S-33 | ✓ | | | |
| PRL S-34 | ✓ | ✓ | | |
| PRL S-35 | ✓ | ✓ | | |
| PRL T-8 | ✓ | ✓ | | |
| PRL T-45 | ✓ | | | |
| PRL T-46 | ✓ | | | |
| SA 1 | ✓ | | | |
| SA 2 | ✓ | | | |
| SA 3 | ✓ | | | |
| SA 4 | ✓ | ✓ | | |
| SA 5 | ✓ | | | |
| SA 6 | ✓ | | | |
| SA 7 | ✓ | ✓ | | |
| SA 8 | ✓ | | | |
| SA 9 | ✓ | | | |
| SA 10 | ✓ | ✓ | | |
| SA 11 | ✓ | ✓ | | |
| SA 12 | ✓ | ✓ | | |
| SA 14 | ✓ | | | |

(Continued)

TABLE 3-1. (Continued)

| Sites | Soil Gas | | | Soil |
|-------|----------------------|-----------------------|-----------------------|---------------------|
| | Syringe ^a | Canister ^b | Downhole ^c | Sleeve ^d |
| SA 15 | ✓ | | | |
| SA 16 | ✓ | ✓ | | |
| SA 17 | ✓ | | | |
| SA 18 | ✓ | | | |
| SA 19 | ✓ | ✓ | | |
| SSA 1 | ✓ | | | |
| SSA 2 | ✓ | ✓ | | |

^a Soil gas syringe samples collected from shallow soils.

^b Soil gas canister samples collected from shallow soils.

^c Soil gas syringe samples collected from deep soils.

^d Soil samples collected in stainless steel sleeves.

PRL = Potential Release Location

SA = Study Area

SSA = Special Study Area

TABLE 3-2. SITES INCLUDED IN COMBINED OPERABLE UNIT B ISOPLETH MAPS

| Building 628 | Building 655 | Building 688 | DRMO | Mat K |
|--------------|--------------|--------------|---------|----------|
| Site 30 | Site 36 | SA 3 | Site 31 | PRL T-8 |
| PRL L-6 | Site 47 | SA 10 | PRL P-2 | PRL T-46 |
| SA 2 | Site 48 | SA 17 | SA 12 | SA 16 |
| | PRL L-5 | SA 19 | | |
| | PRL L-6 | | | |
| | PRL P-9 | | | |
| | PRL S-5 | | | |
| | PRL S-29 | | | |
| | PRL S-34 | | | |
| | PRL S-35 | | | |
| | SA 5 | | | |
| | SA 6 | | | |
| | SA 7 | | | |
| | SA 8 | | | |
| | SA 11 | | | |
| | SA 14 | | | |
| | SA 18 | | | |

Building 628 = Bounded by Dudley Boulevard, Kilzer Avenue, McKinney Avenue, and 54th Street.
 Building 655 = Bounded by Dudley Boulevard, Kilzer Avenue, Dean Street, and Forcum Avenue.
 Building 688 = Bounded by Magpie Creek, Building 688, Building 696, and Building 690.
 DRMO = Defense Reutilization and Marketing Office storage area.
 Mat K = Aircraft refueling area.
 PRL = Potential Release Location.
 SA = Study Area.

were not prepared for the sites that are included in these areal isopleth maps. No isopleth map was prepared for PRL T-45 because only one probe was sampled at the location.

Some of the analytical results for AVOCs obtained during the investigation are suspect because of high background or baseline drift in the field gas chromatograph, which may cause the AVOC concentrations to be larger than their actual concentrations. Therefore, the isopleth maps for AVOCs may overstate the concentration and extent of AVOC contamination, but still provide general insight into the soil gas plume present.

3.2 Soil Gas Results

Seven hundred and twenty-five soil gas syringe samples (Appendix B), 30 soil gas canister samples (Appendix C), and 50 downhole soil gas samples (Appendix D) were collected and analyzed during the OU B Soil Gas Investigation (see Table 3-1). Concentrations for individual contaminants ranged from not detected to 5,960,000 parts per billion by volume (ppbv). Complete results are included in the appropriate appendices.

3.3 Soil Results

Sixty-three soil samples were collected and analyzed from 10 borings completed at Site 23 and Site 24; soil analytical results are presented in Appendix E. Detected compounds include: seven VOCs, two semivolatile organic compounds (SVOCs), two polychlorinated biphenyls (PCBs) and pesticides, four dioxins, and several metals. Appendix F presents the lithologic and drilling log forms for the 10 borings.

4.0 RECOMMENDATIONS

Recommendations for the Sites, Potential Release Locations (PRLs), Study Areas (SAs), and Special Study Areas (SSAs) investigated during the Operable Unit (OU) B Soil Gas Investigation are summarized on Table 4-1. The recommendation alternatives for each site are:

- **No Further Action (NFA):** This recommendation cannot be made based solely on available soil gas data because the data are only intended for screening of a site for VOCs. Additional soil information is required before the NFA status can be assigned to the site. Therefore, it is recommended that soil samples be collected and analyzed to evaluate potential soil contamination before the NFA designation can be assigned to the site.
- **Collect Additional Soil Gas Samples:** Additional soil gas samples should be collected at the site during the early stages of the Remedial Investigation (RI) to determine the extent of soil gas contamination. The recommendation applies to sites where all of the initial and step-out soil gas probes were sampled but additional soil gas samples may be needed to fully characterize the VOC plume in soil gas.
- **Proceed to RI, Source Identification:** No *soil gas targets* were identified for the site based on analytical data obtained during the OU B Soil Gas Investigation. The Operable Unit B Remedial Investigation Sampling and Analysis Plan (OU B RI SAP) establishes a *soil gas target* as an area with soil gas results exceeding 100 parts per billion by volume (ppbv) for each HVOC, 500 ppbv for each AVOC, or exceeding 1,000 ppbv for total HVOCs or AVOCs (Radian, 1991). At these sites, soil samples should be collected as part of the RI to determine if any sources of contamination (VOC or non-VOC) are present.

**TABLE 4-1. PRELIMINARY RECOMMENDATIONS FOR FURTHER INVESTIGATION
FOR SITES, POTENTIAL RELEASE LOCATIONS, STUDY AREAS,
AND SPECIAL STUDY AREAS IN OPERABLE UNIT B**

| Location | No Further Action | Additional Soil Gas Samples | Proceed to RI - Source Identification | Proceed to Source Identification RI - Soil Gas Targets |
|----------|----------------------|--------------------------------|--|--|
| Site 23 | | ✓ | | ✓ |
| Site 24 | | | | ✓ |
| Site 30 | | ✓ | | ✓ |
| Site 31 | | | ✓ | |
| Site 36 | | ✓ | | ✓ |
| Site 47 | | ✓ | | ✓ |
| Site 48 | | ✓ | | ✓ |
| PRL L-5 | | ✓ | | ✓ |
| PRL L-6 | | ✓ | | ✓ |
| PRL P-2 | | | ✓ | |
| PRL P-9 | | | | ✓ |
| PRL S-5 | | | | ✓ |
| PRL S-13 | | ✓ | | ✓ |
| PRL S-28 | | | | ✓ |
| PRL S-29 | | | | ✓ |
| PRL S-33 | | | ✓ | |
| PRL S-34 | | | | ✓ |
| PRL S-35 | | | | ✓ |
| PRL T-8 | | ✓ | | ✓ |
| PRL T-45 | | ✓ | ✓ | |
| PRL T-46 | | | ✓ | ✓ |
| SA 1 | | | ✓ | |
| SA 2 | | | | ✓ |
| SA 3 | | | | ✓ |
| SA 4 | | ✓ | | ✓ |
| SA 5 | | | | ✓ |
| SA 6 | | | | ✓ |
| SA 7 | | | | ✓ |
| SA 8 | | | ✓ | |
| SA 9 | | ✓ | | ✓ |
| SA 10 | | ✓ | | ✓ |
| SA 11 | | ✓ | | ✓ |
| SA 12 | | | | ✓ |
| SA 14 | | ✓ | | ✓ |
| SA 15 | | | ✓ | |
| SA 16 | | ✓ | | ✓ |
| SA 17 | | | ✓ | |
| SA 18 | | | | ✓ |
| SA 19 | | | | ✓ |
| SSA 1 | | | ✓ | |
| SSA 2 | | ✓ | | ✓ |

PRL = Potential Release Location

SA = Study Area

SSA = Special Study Area

- **Proceed to RI, Soil Gas Targets:** Soil gas contaminant concentrations above the *soil gas target criteria* were detected at the site. These areas should be investigated during the RI to determine the presence and extent of VOC contamination in soils. Soil and downhole soil gas samples should be collected and analyzed to determine the presence and extent of VOC contamination.

Recommendations are preliminary and will be reevaluated during the OU B RI. None of the sites were considered sufficiently characterized to warrant recommending NFA. A total of 17 Sites, PRLs, SAs, and SSAs require additional downhole soil gas data to fully characterize the soil gas plumes. Seven Sites, PRLs, SAs, and SSAs are recommended for source characterization during the OU B RI. Thirty-three sites, PRLs, SAs, and SSAs are recommended for soil gas target investigation during the RI.

5.0

REFERENCES

Radian Corporation, 1990a. "Installation Restoration Program, Stage 7, Operable Unit B Soil Gas Investigation Workplan." Informational Document. Prepared for McClellan AFB/EM, McClellan AFB, California. July.

Radian Corporation, 1990b. "Installation Restoration Program, Stage 2, Quality Assurance Project Plan." Final. Prepared for McClellan AFB/EM, McClellan AFB, California. May.

Radian Corporation, 1991. "Installation Restoration Program, Stage 7, Operable Unit B Remedial Investigation Sampling and Analysis Plan." Working Copy. Prepared for McClellan AFB/EM, McClellan AFB, California. January.

APPENDIX A

Soil Gas Sampling Location and
Concentration Isopleth Maps

APPENDIX A
Index to Figures

| Site/PRL/SA/SSA | Figure/Plate Numbers |
|-----------------|--|
| Site 23 | A-1, A-2 |
| Site 24 | A-3, A-4, A-5 |
| Site 30 | A-6, A-71, A-72, A-73 |
| Site 31 | A-7, A-65, A-66, A-67 |
| Site 36 | A-8; Plates A-1, A-2, A-3 |
| Site 47 | A-9; Plates A-1, A-2, A-3 |
| Site 48 | A-10; Plates A-1, A-2, A-3 |
| PRL L-5 | A-15, A-16, A-17, A-18; Plates A-1, A-2, A-3 |
| PRL L-6 | A-19, A-20, A-21, A-71, A-72, A-73; Plates A-1, A-2, A-3 |
| PRL P-2 | A-11, A-65, A-66, A-67 |
| PRL P-9 | A-12, A-13, A-14; Plates A-1, A-2, A-3 |
| PRL S-5 | A-22; Plates A-1, A-2, A-3 |
| PRL S-13 | A-23, A-24 |
| PRL S-28 | A-25, A-26 |
| PRL S-29 | A-27; Plates A-1, A-2, A-3 |
| PRL S-33 | A-28, A-29 |
| PRL S-34 | A-30; Plates A-1, A-2, A-3 |
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| PRL T-8 | A-32, A-68, A-69, A-70 |
| PRL T-45 | A-33 |
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| SA-11 | A-50; Plates A-1, A-2, A-3 |
| SA-12 | A-51, A-65, A-66, A-67 |
| SA-14 | A-52, A-53, A-54; Plates A-1, A-2, A-3 |
| SA-15 | A-55, A-56 |
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| SA-17 | A-58, A-74, A-75, A-76 |
| SA-18 | A-59; Plates A-1, A-2, A-3 |

(Continued)

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| Site/PRL/SA/SSA | Figure/Plate Numbers |
|-----------------|------------------------|
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| SSA-1 | A-61, A-62 |
| SSA-2 | A-63, A-64 |
| DRMO | A-65, A-66, A-67 |
| MAT K | A-68, A-69, A-70 |
| Building 628 | A-71, A-72, A-73 |
| Building 655 | Plates A-1, A-2, A-3 |
| Building 688 | A-74, A-75, A-76 |

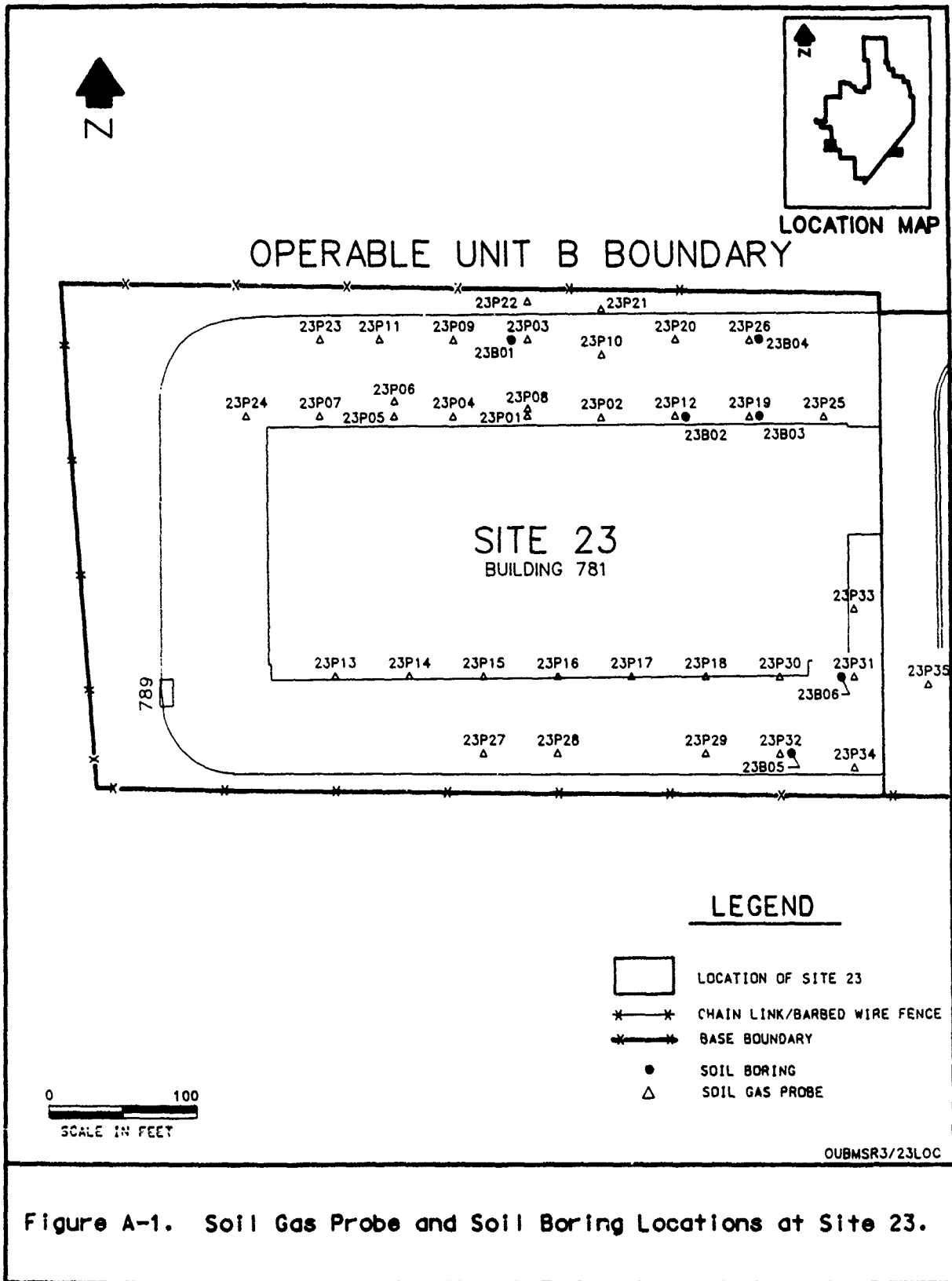
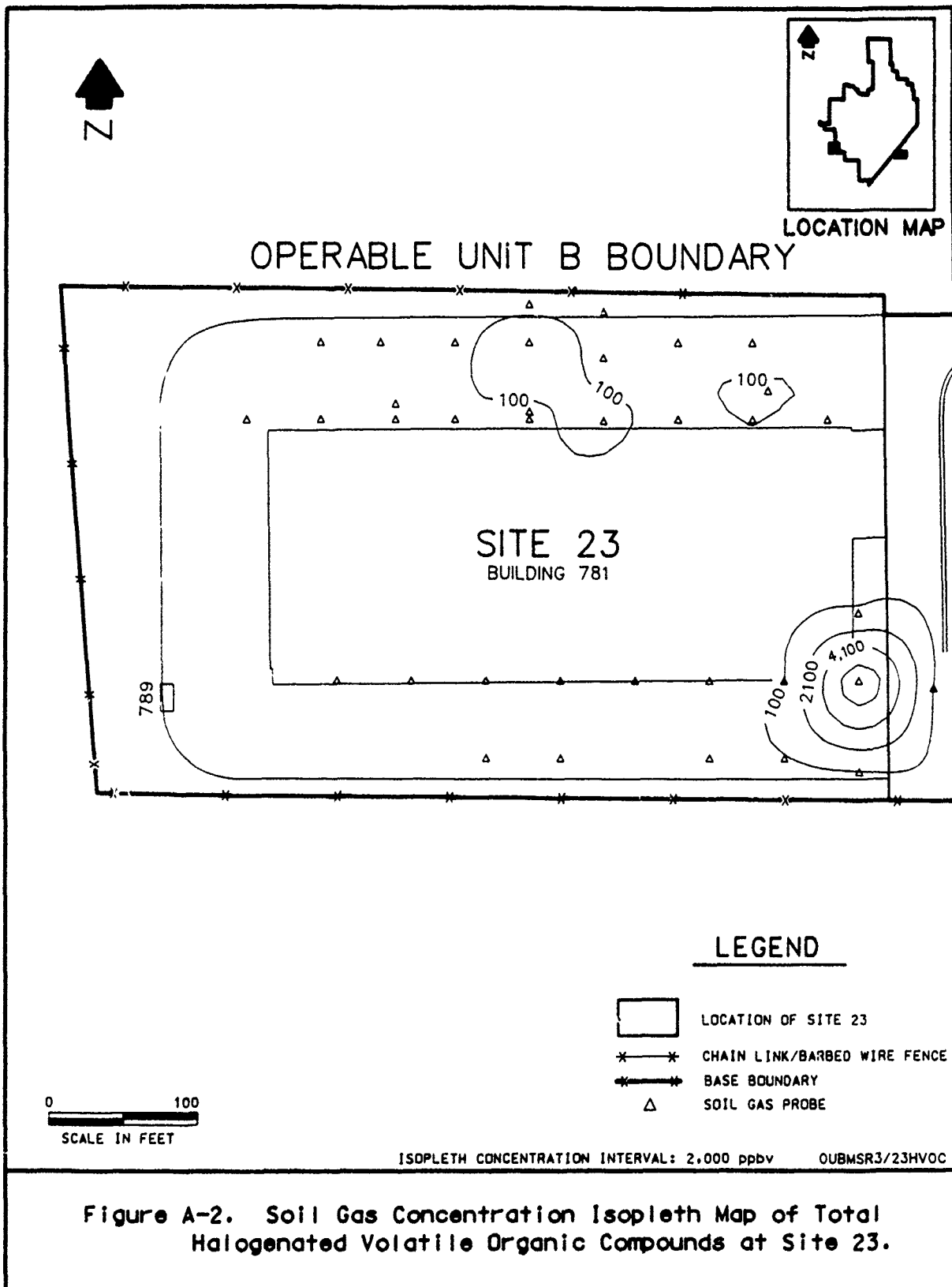
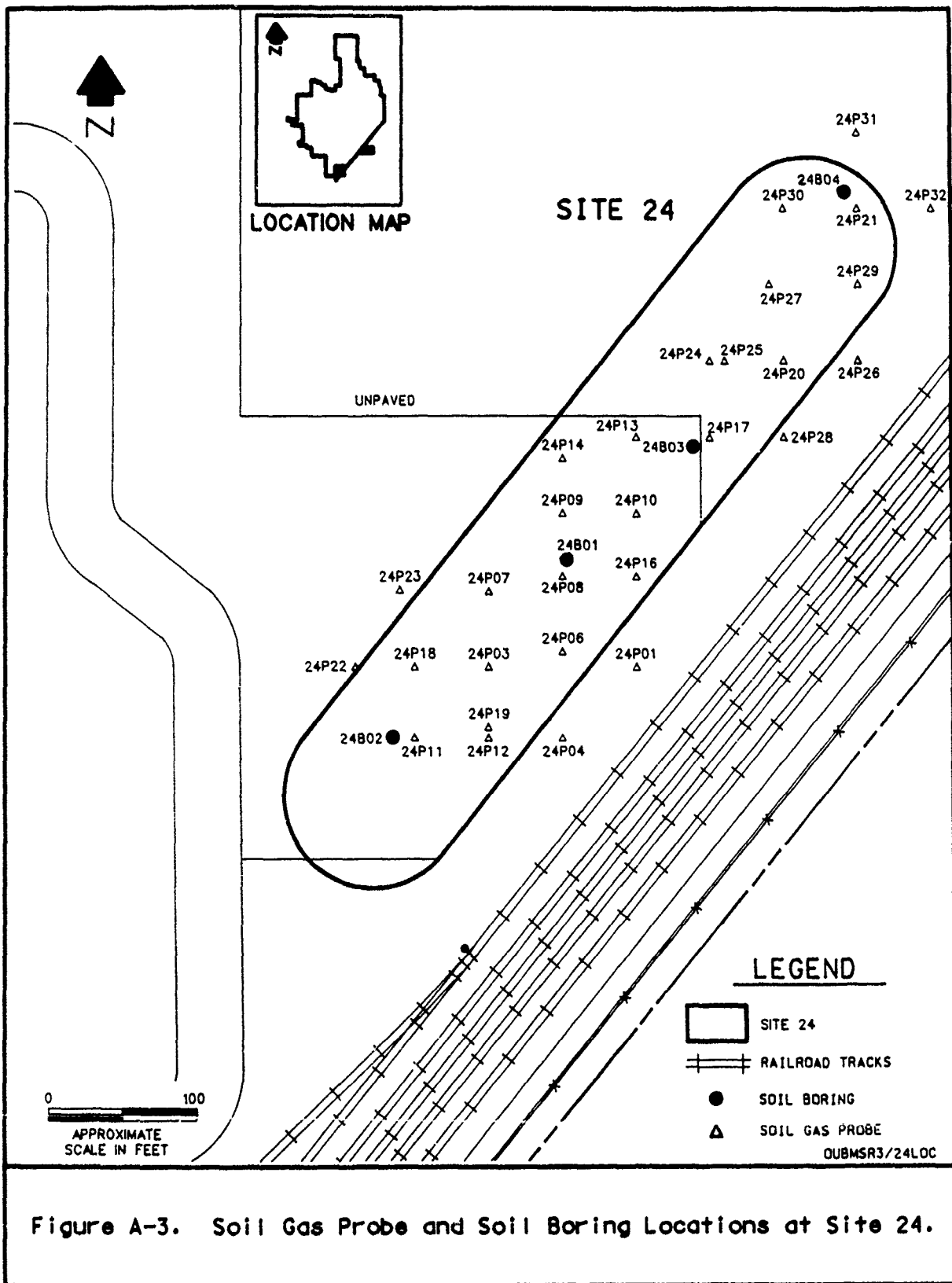
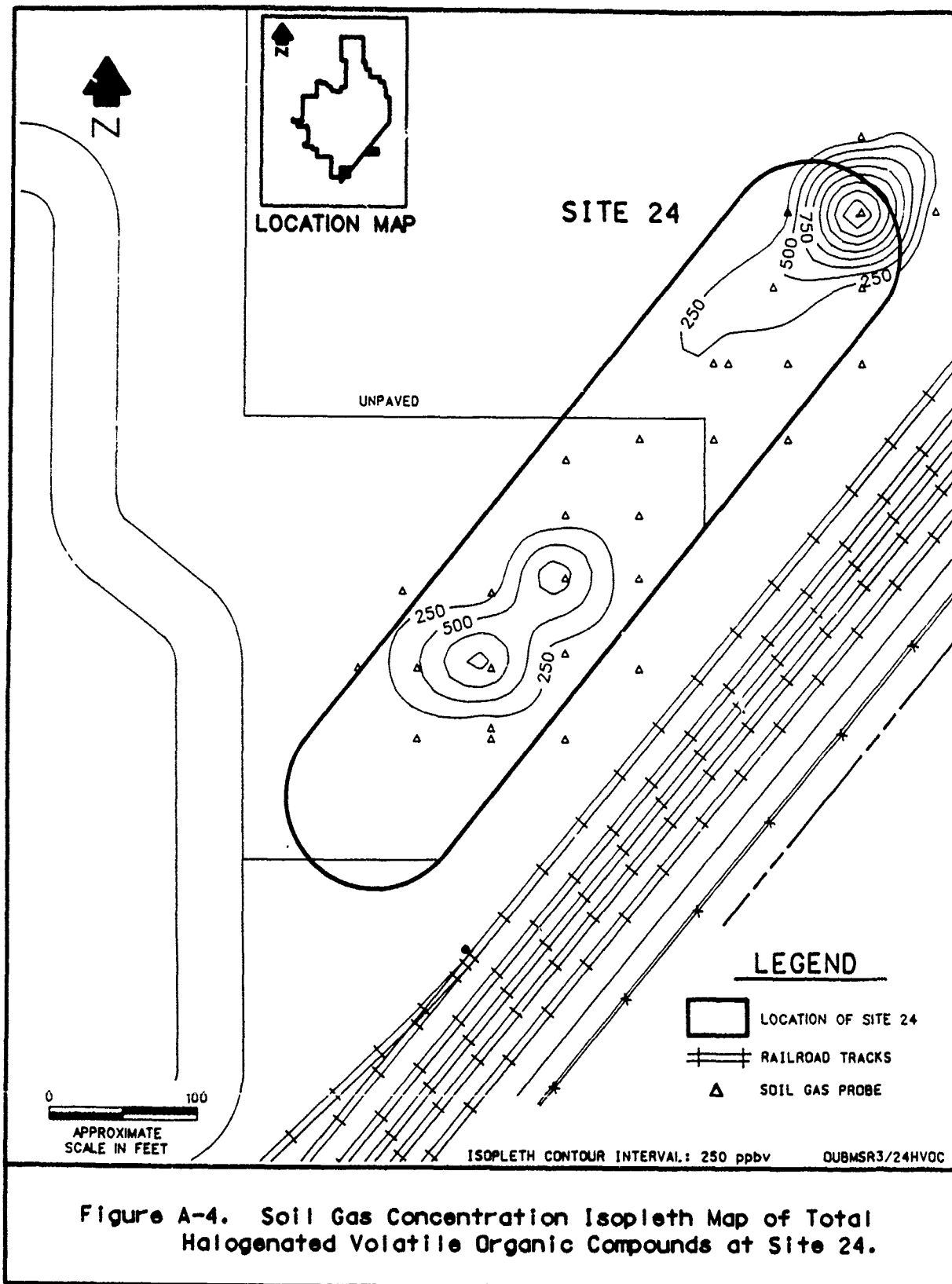
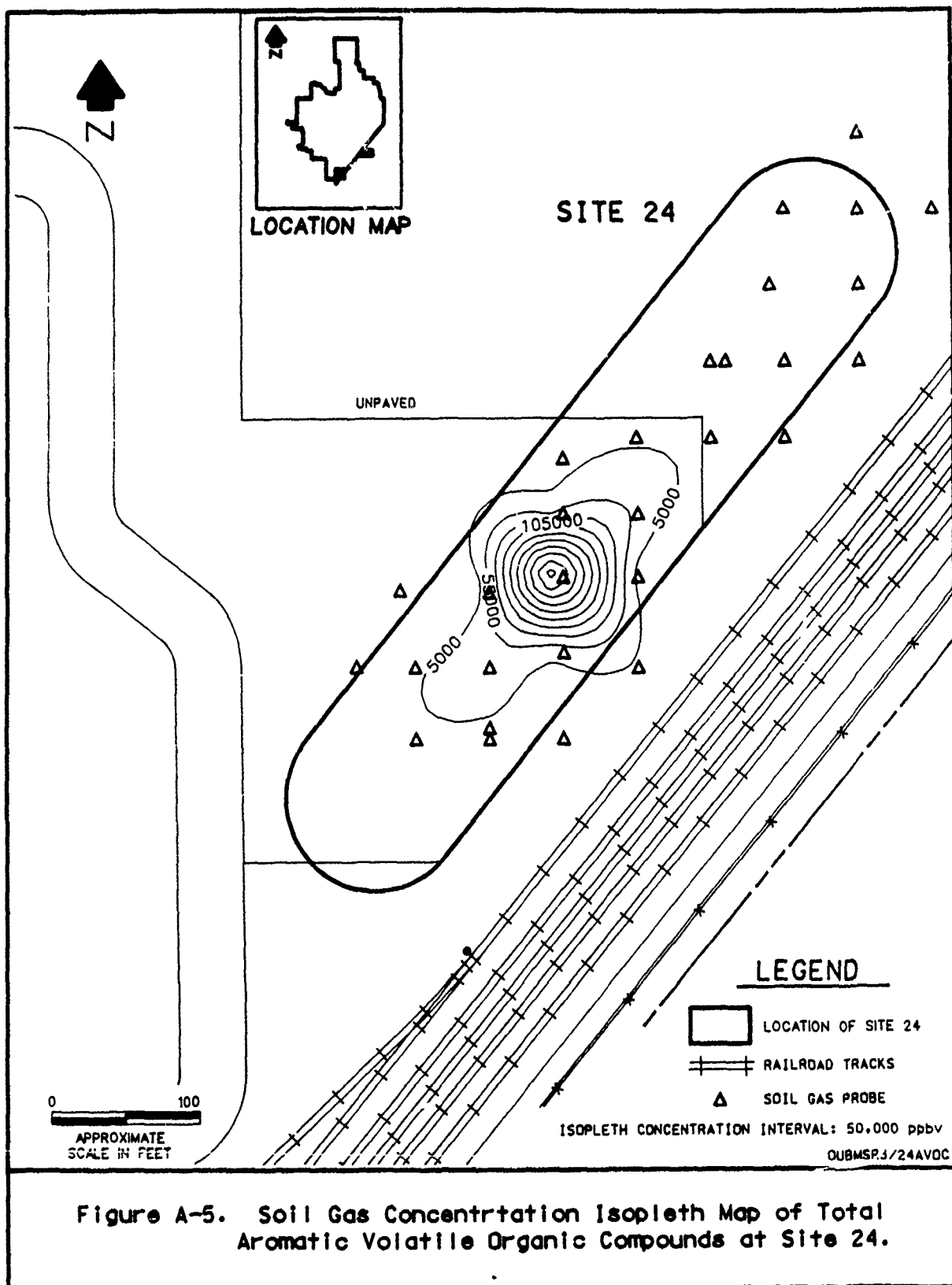


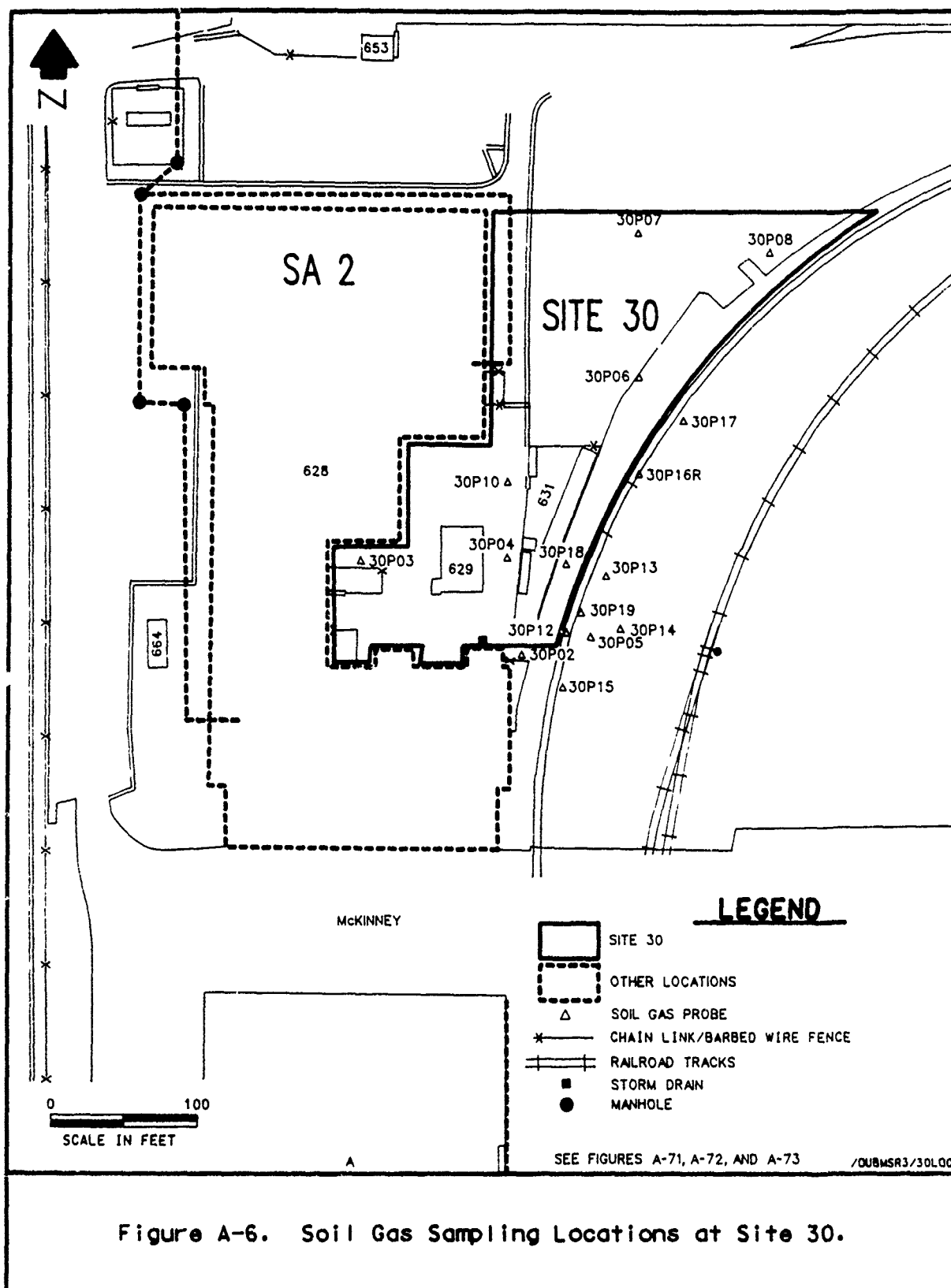
Figure A-1. Soil Gas Probe and Soil Boring Locations at Site 23.

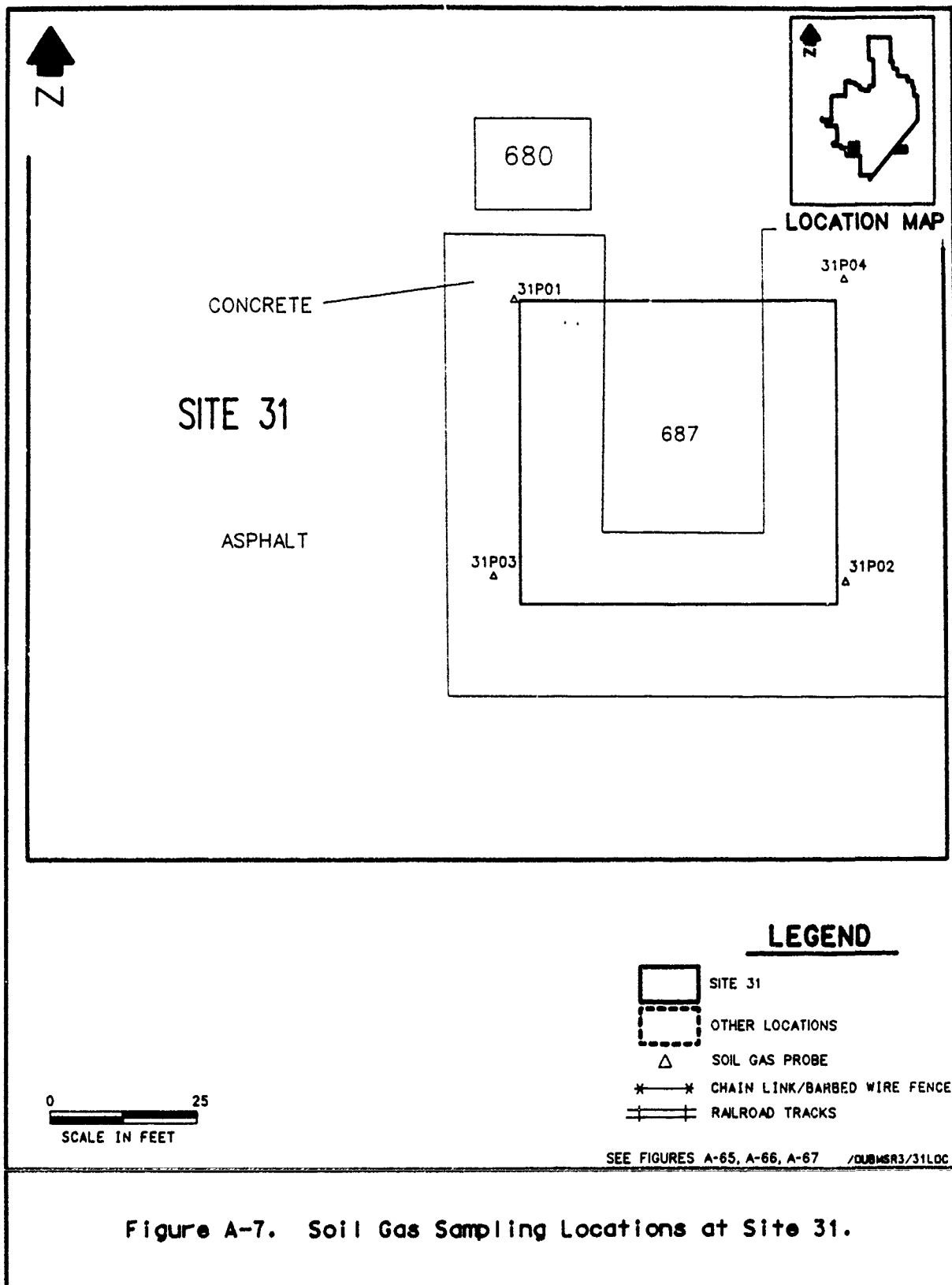


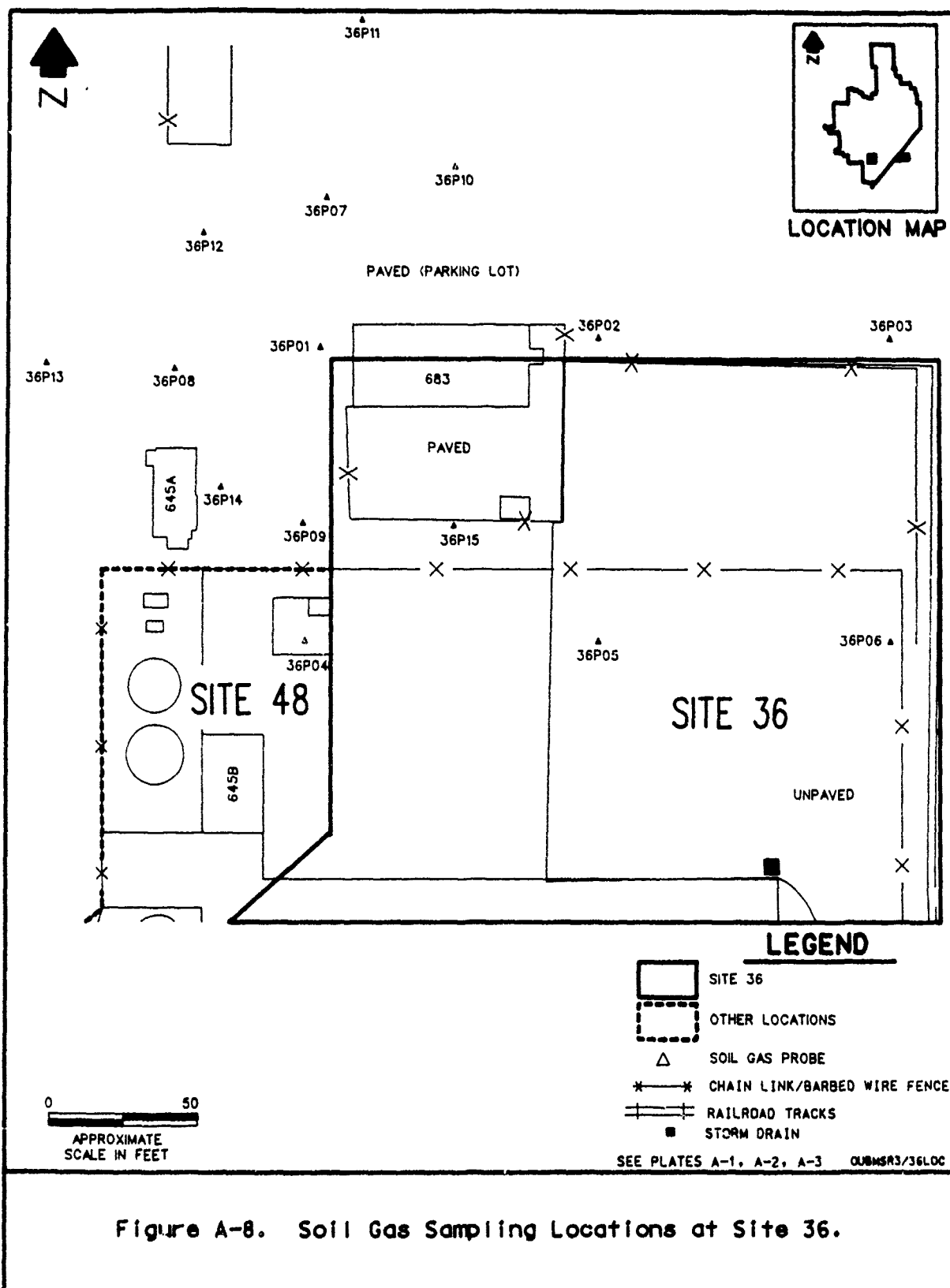


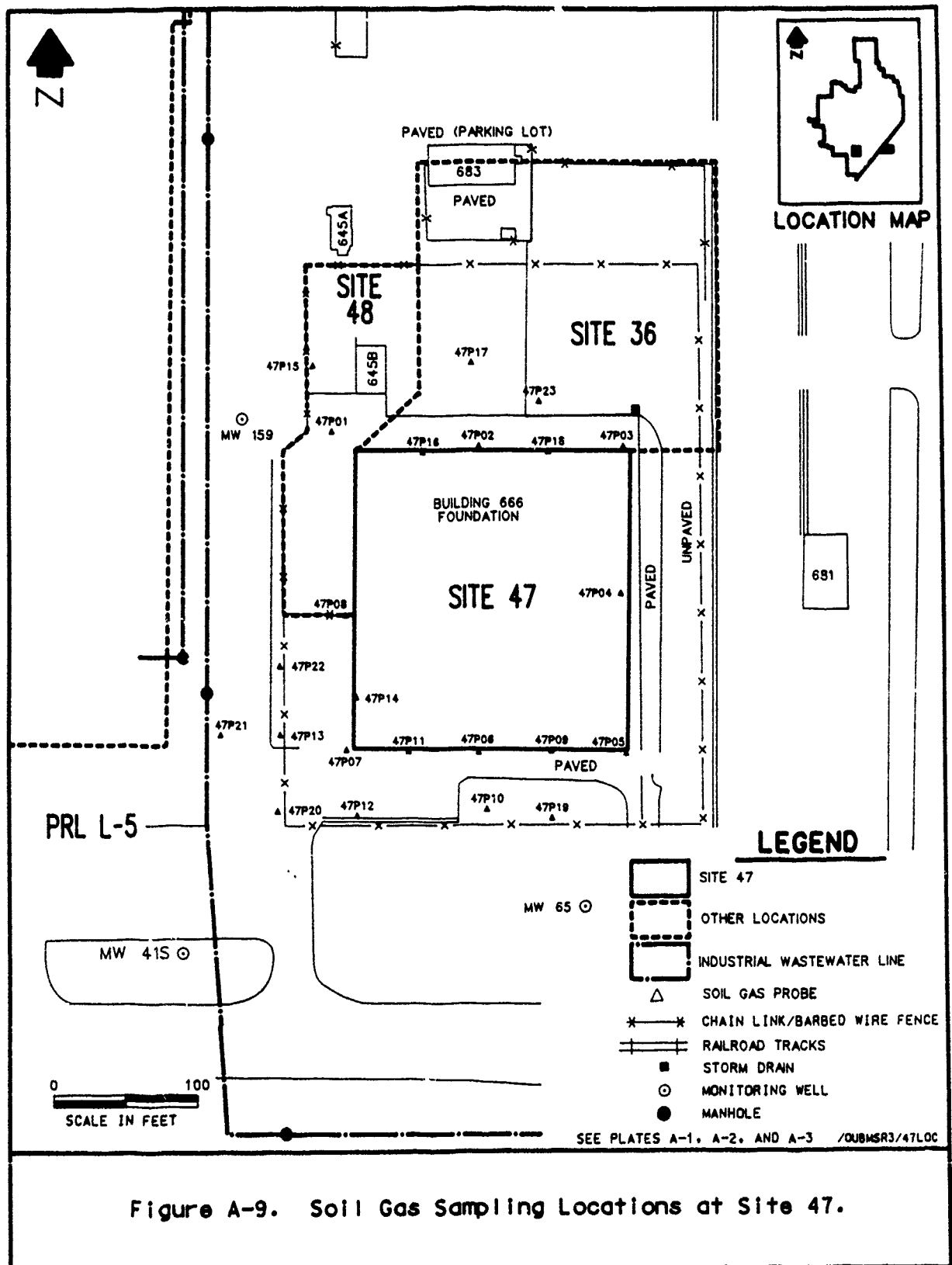


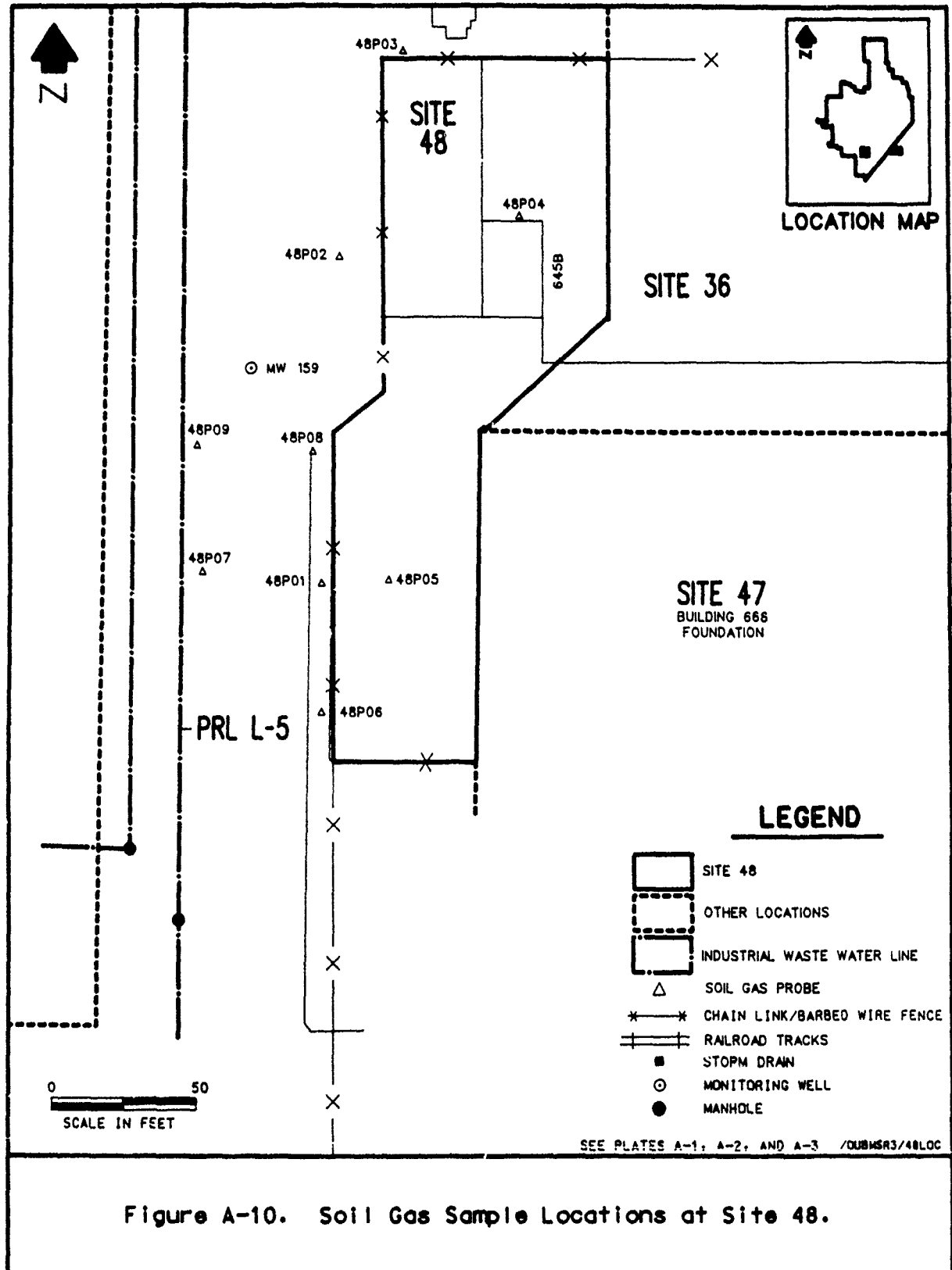


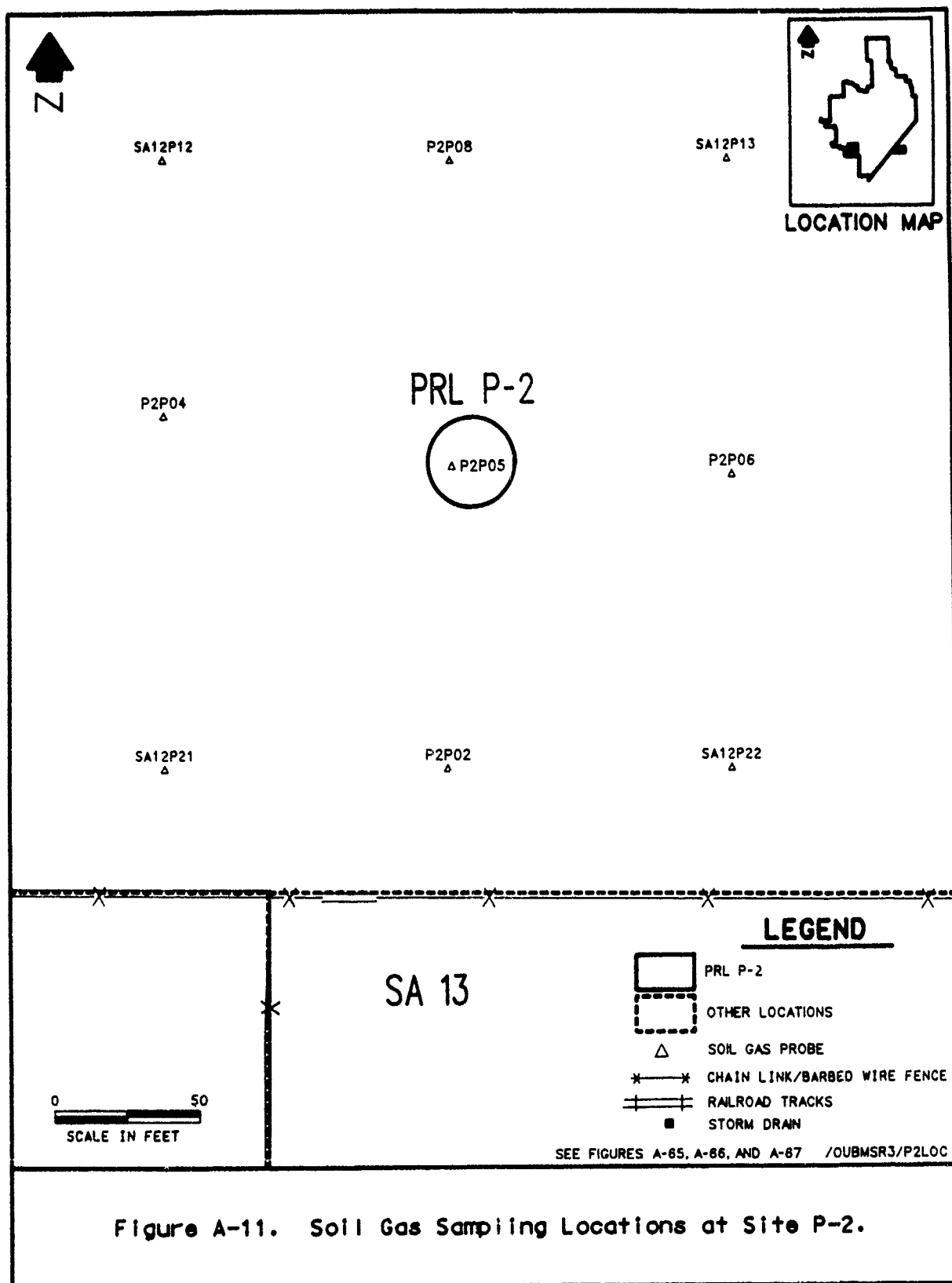












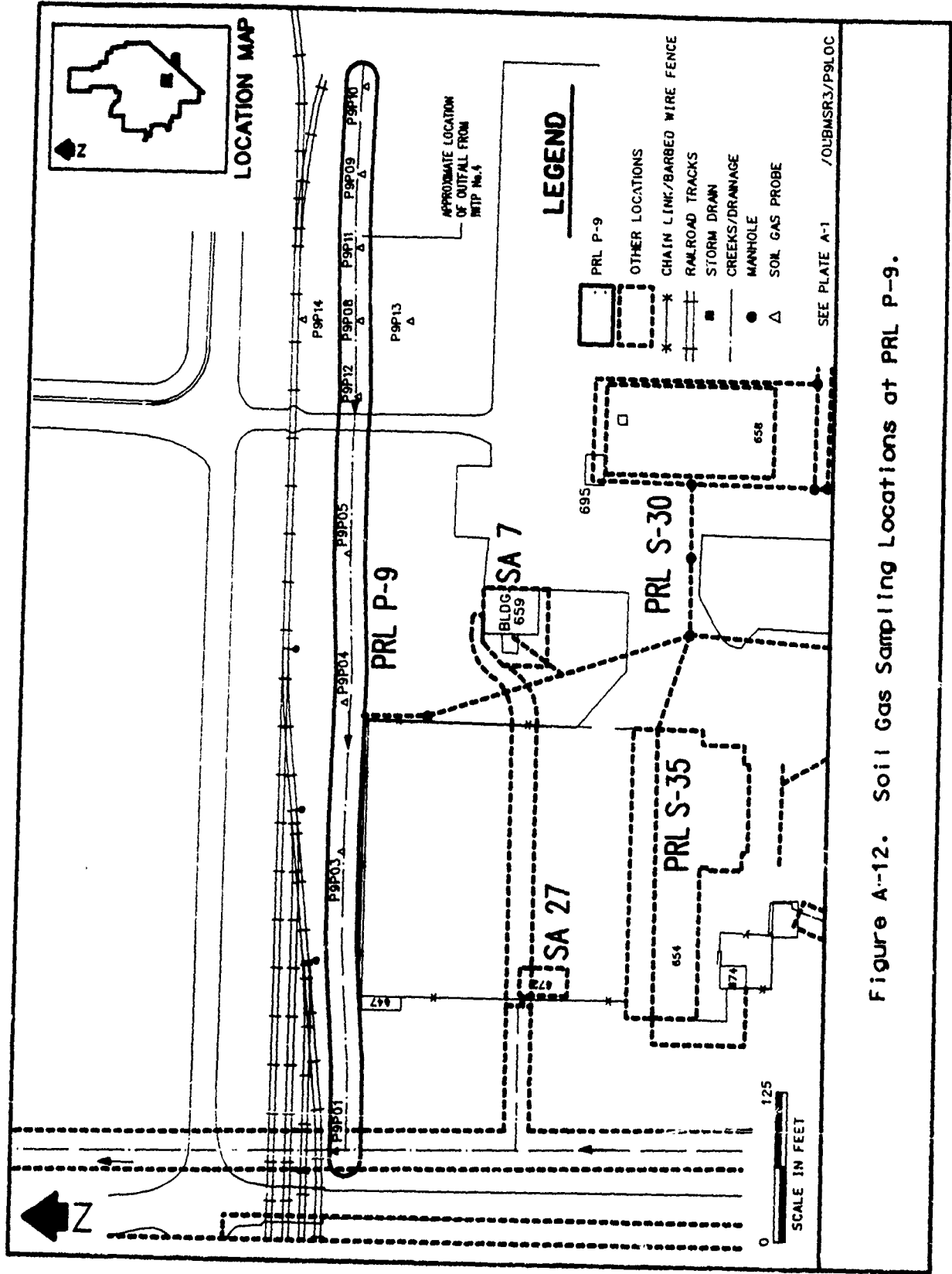
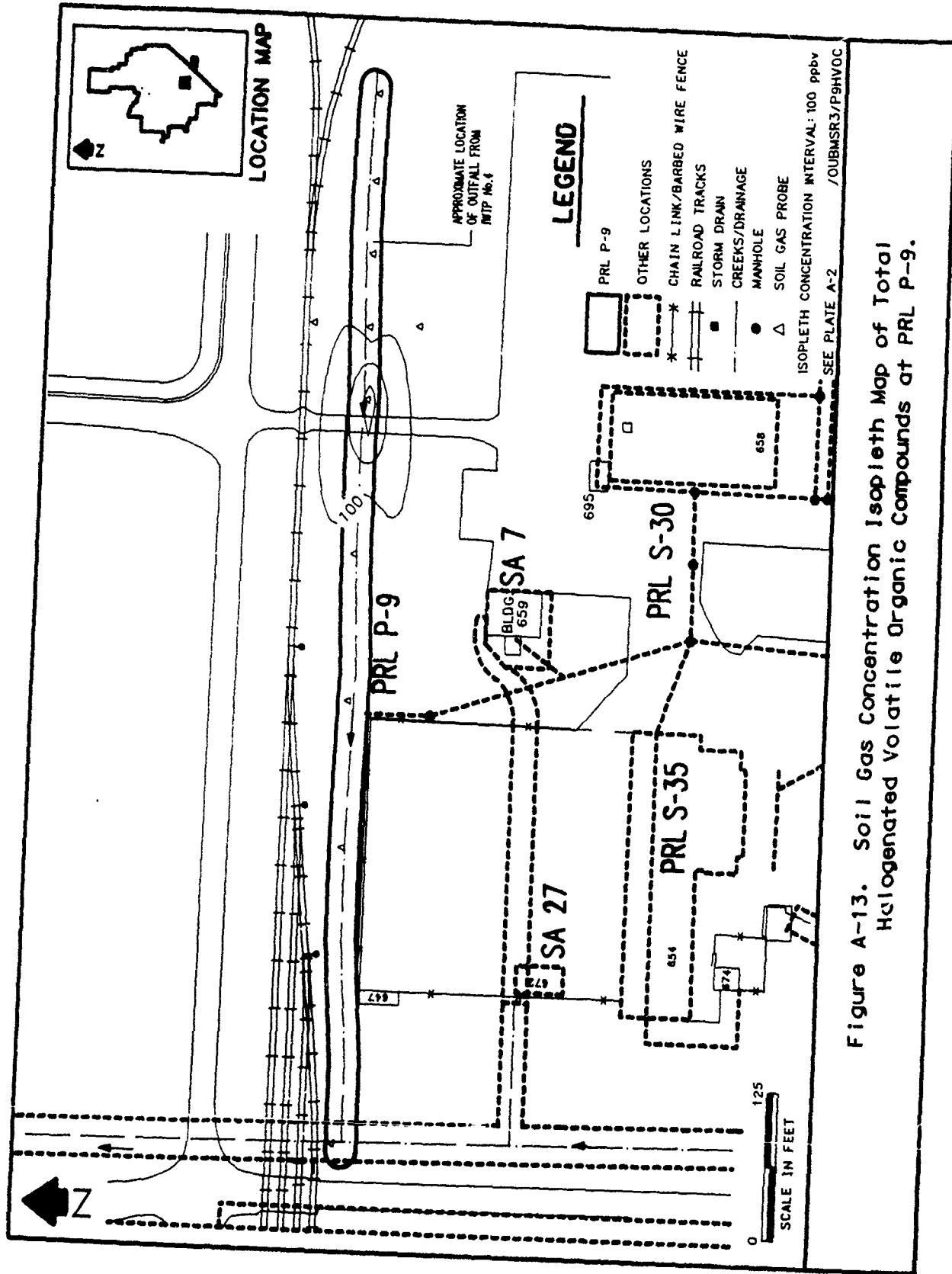


Figure A-12. Soil Gas Sampling Locations at PRL P-9.



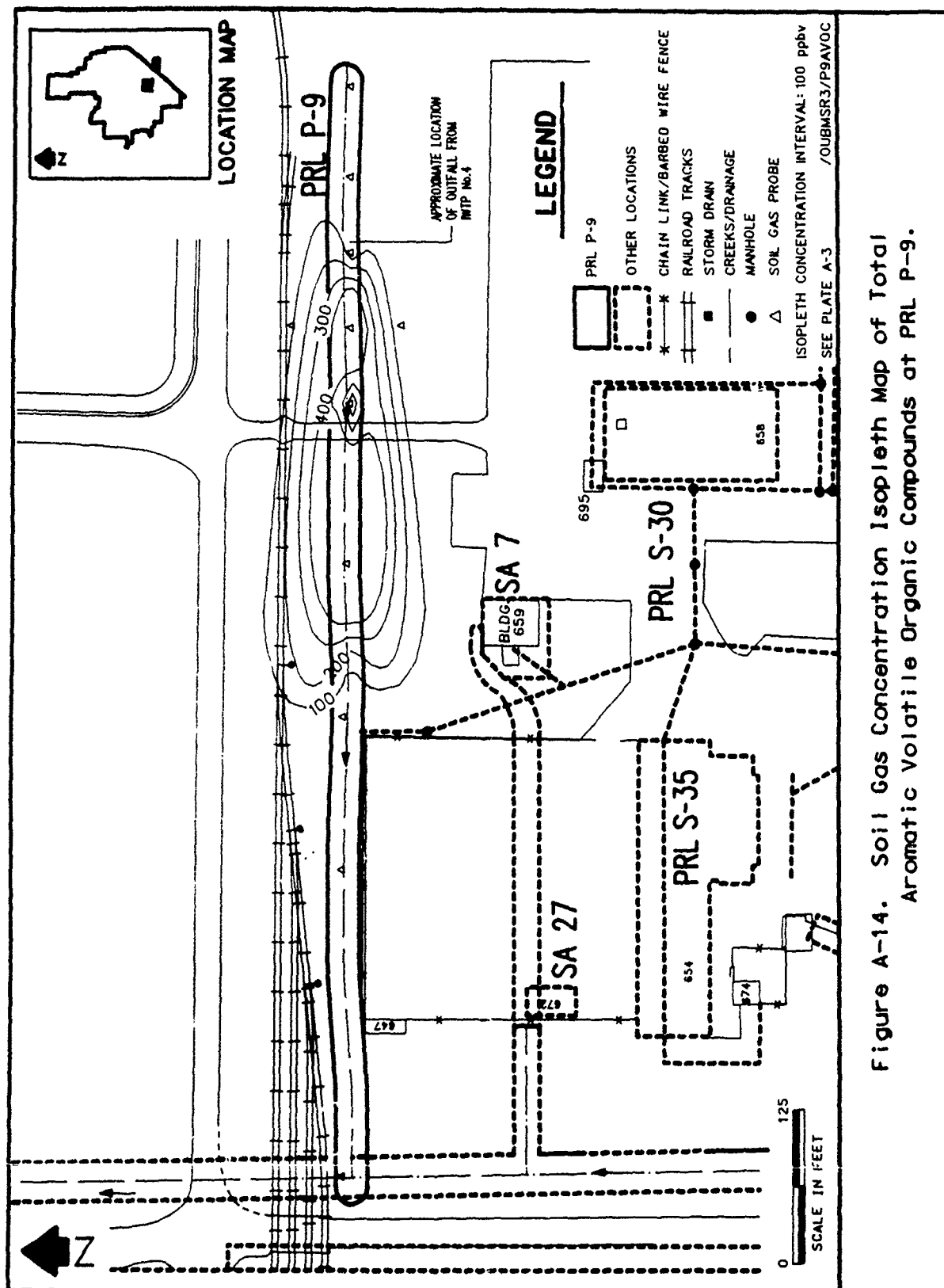


Figure A-14. Soil Gas Concentration Isopleth Map of Total Aromatic Volatile Organic Compounds at PRL P-9.

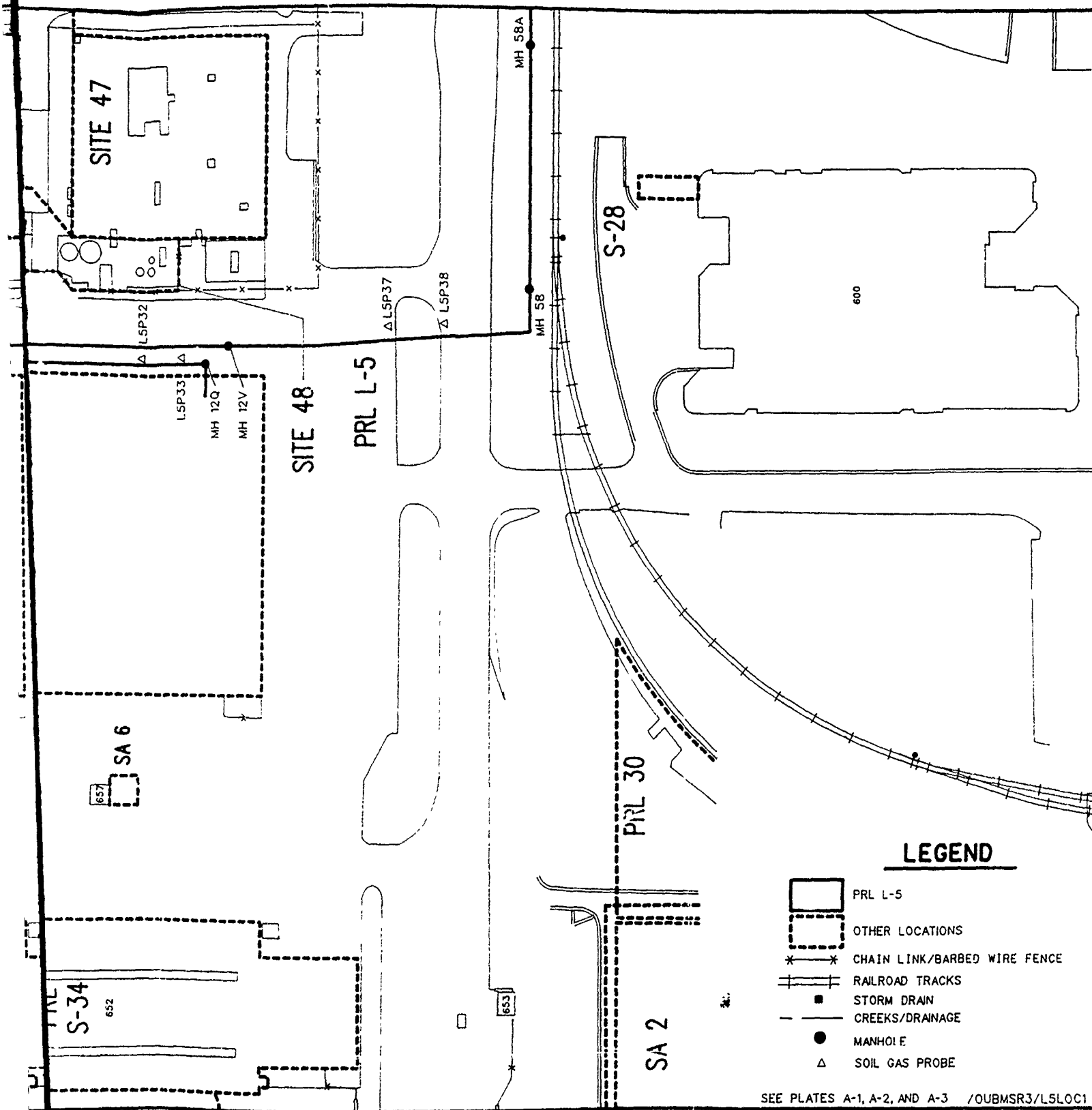


Figure A-15. Soil Gas Sampling Locations at PRL L-5 (North).



FORCUM

681

MH 12Q

MH 12V

SITE 48

PRL L-5

0 125
SCALE IN FEET

LSP148

LSP80

LSP147A

LSP149

LSP46

LSP45

LSP43

LSP41

LSP40

LSP39

MH 58

MH 58A

MH 59

MH 60

LSP79

LSP131

LSP148

LSP80

LSP147A

LSP149

LSP46

LSP45

LSP43

LSP41

LSP40

LSP39

MH 58

MH 58A

MH 59

MH 60

LSP79

LSP131

LSP148

LSP80

LSP147A

LSP149

LSP46

LSP45

LSP43

LSP41

LSP40

LSP39

MH 58

MH 58A

MH 59

MH 60

LSP79

LSP131

LSP148

LSP80

LSP147A

LSP149

LSP46

LSP45

LSP43

LSP41

LSP40

LSP39

MH 58

MH 58A

MH 59

MH 60

LSP79

LSP131

LSP148

LSP80

LSP147A

LSP149

LSP46

LSP45

LSP43

LSP41

LSP40

LSP39

MH 58

MH 58A

MH 59

MH 60

LSP79

LSP131

LSP148

LSP80

LSP147A

LSP149

LSP46

LSP45

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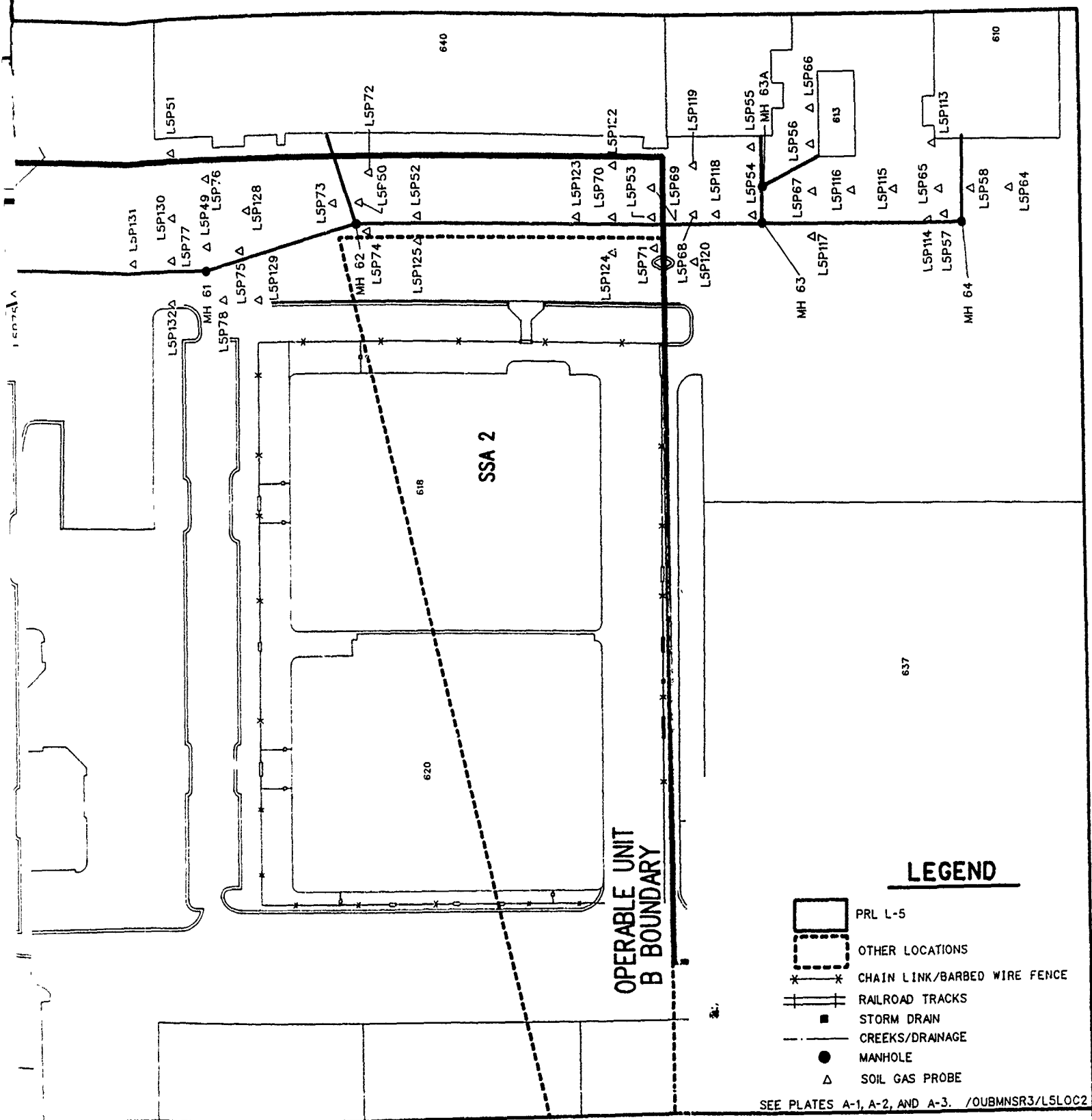


Figure A-16. Soil Gas Sampling Locations at PRL L-5 (South).



OU A

642

FORCUM

681

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S-28

600

SITE 48

PRL L-5

PRL S-29

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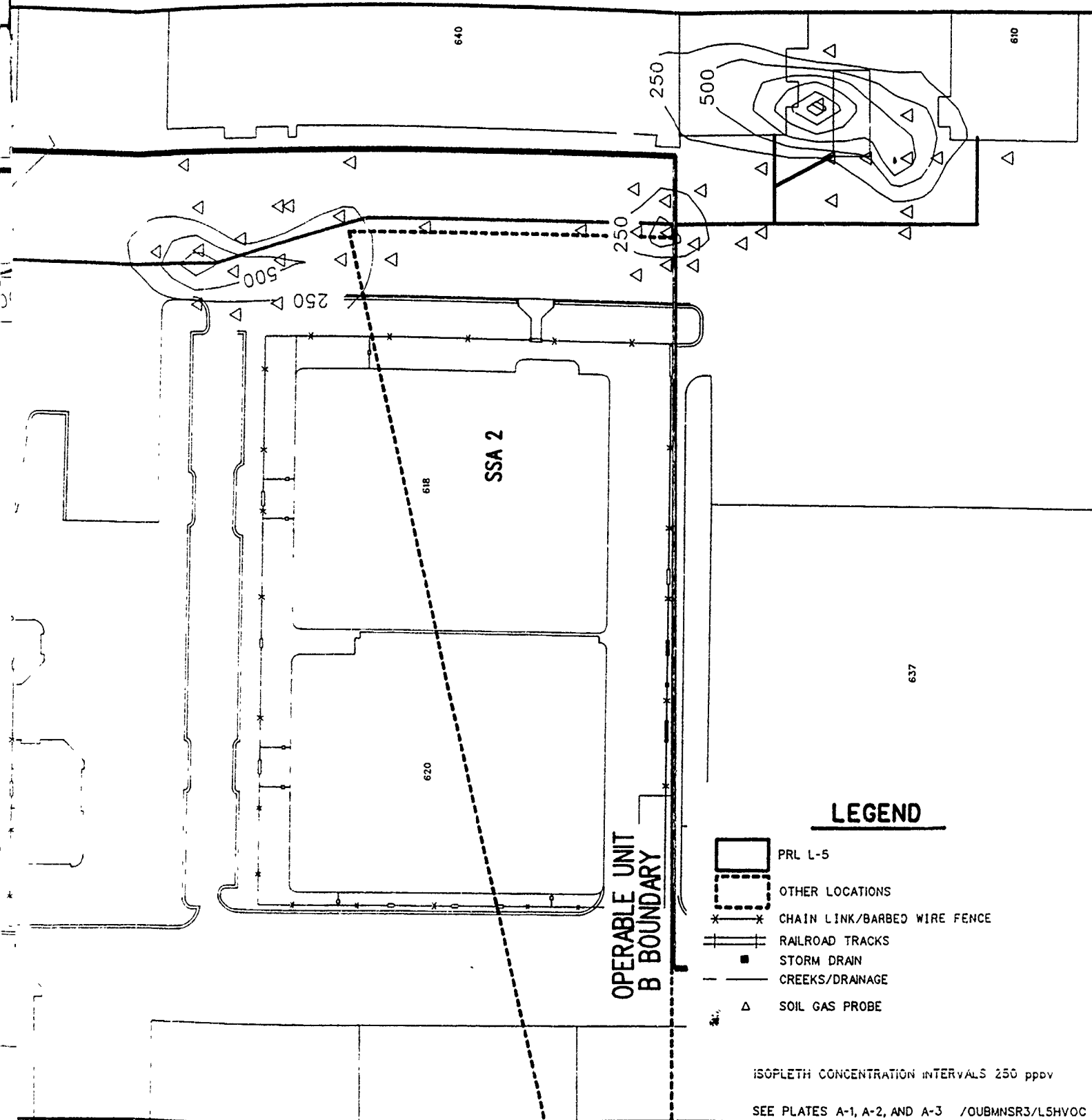
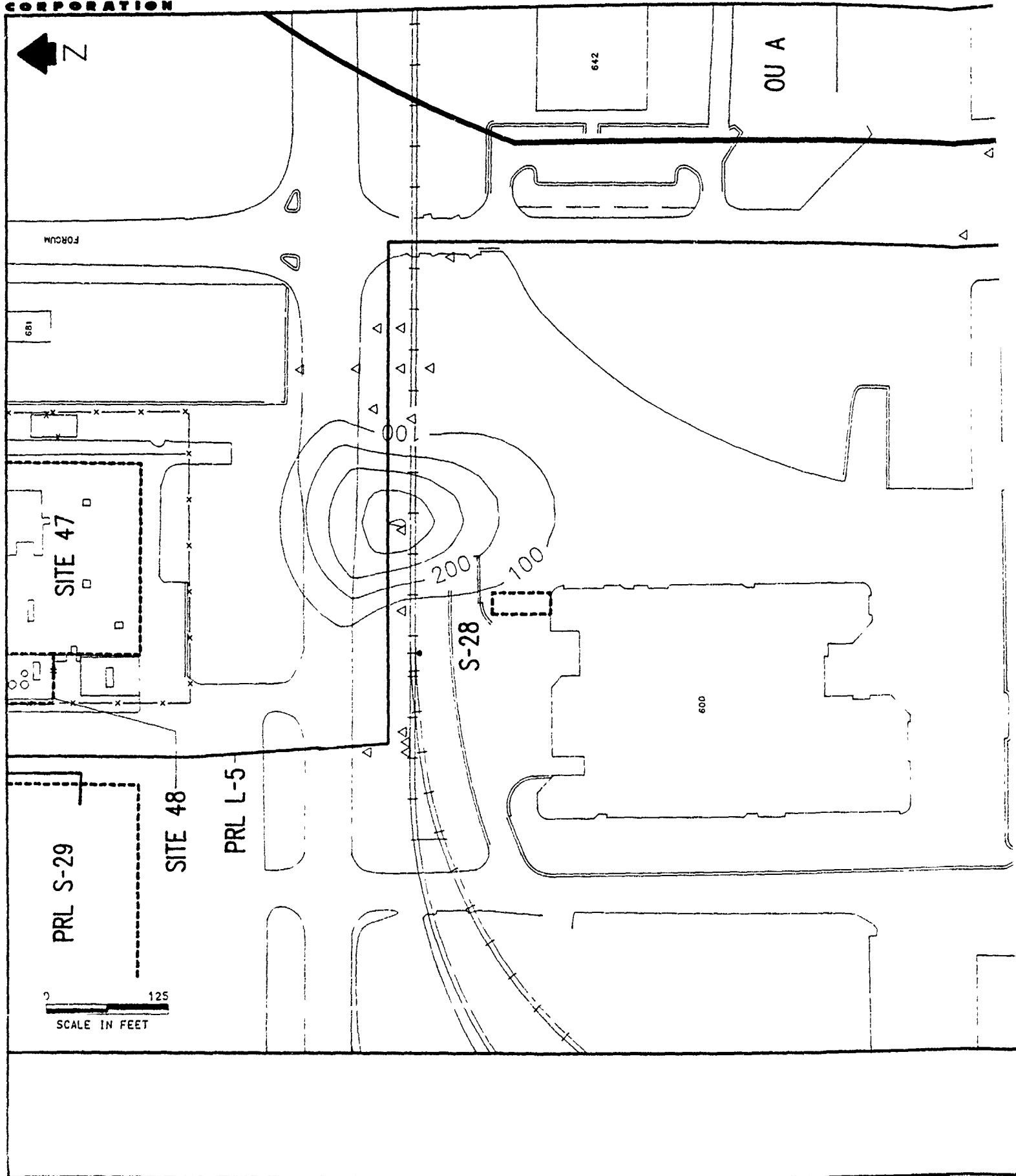


Figure A-17. Soil Gas Concentration Isopleth Map of Total Halogenated Volatile Organic Compounds at PRL L-5 (South).



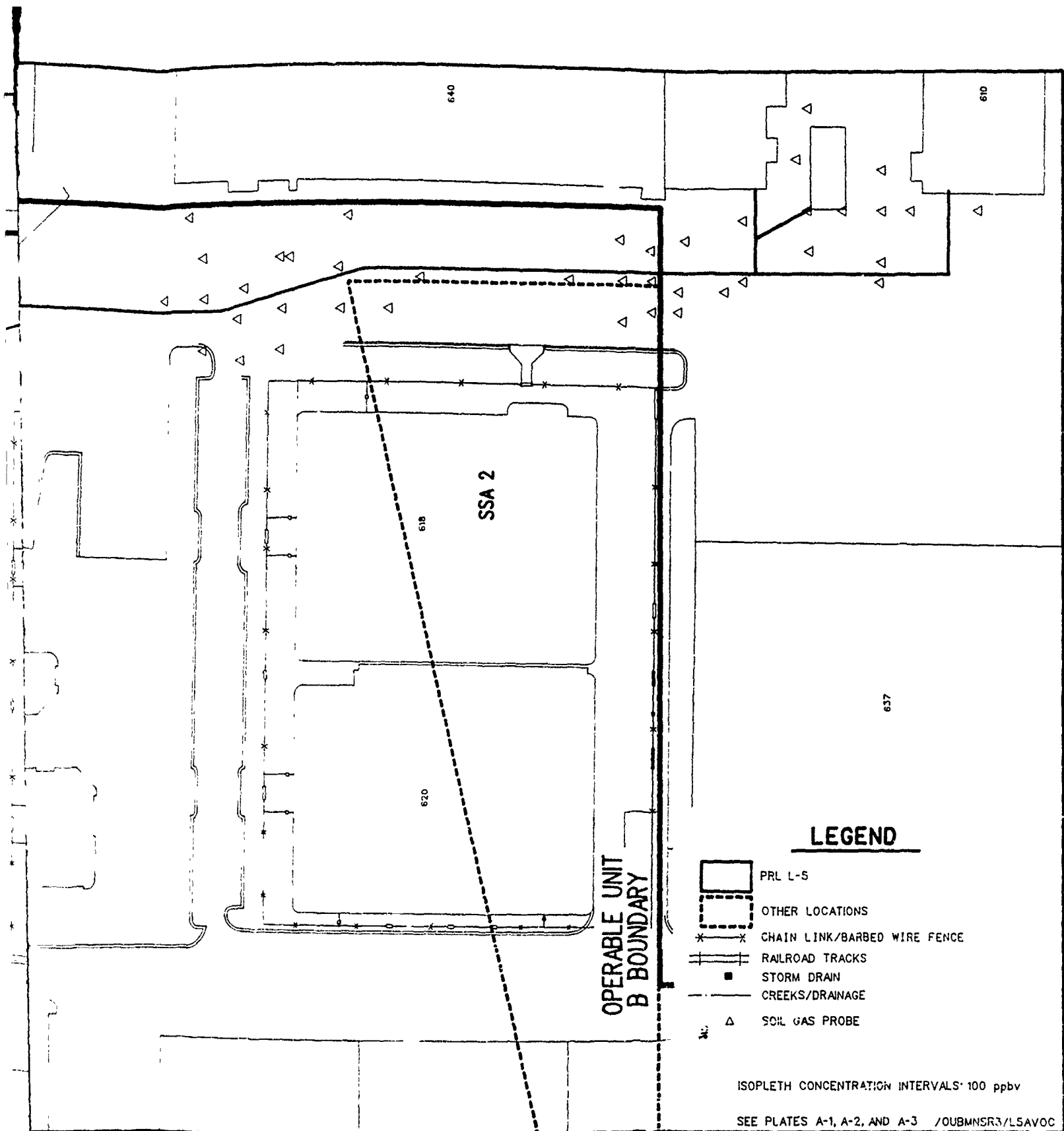
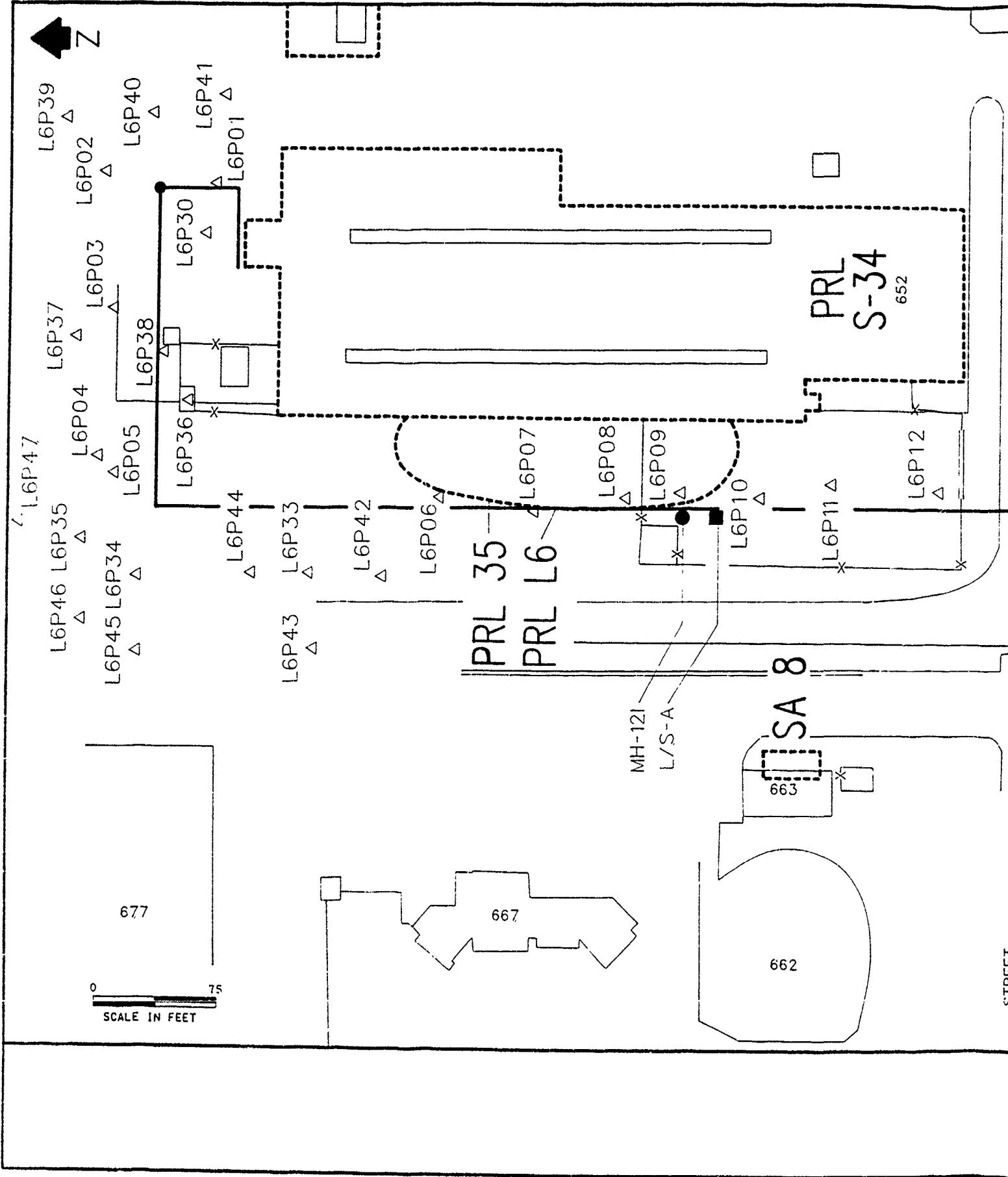


Figure A-18. Soil Gas Concentration Isopleth Map of Total Aromatic Volatile Organic Compounds at PRL L-5 (South).



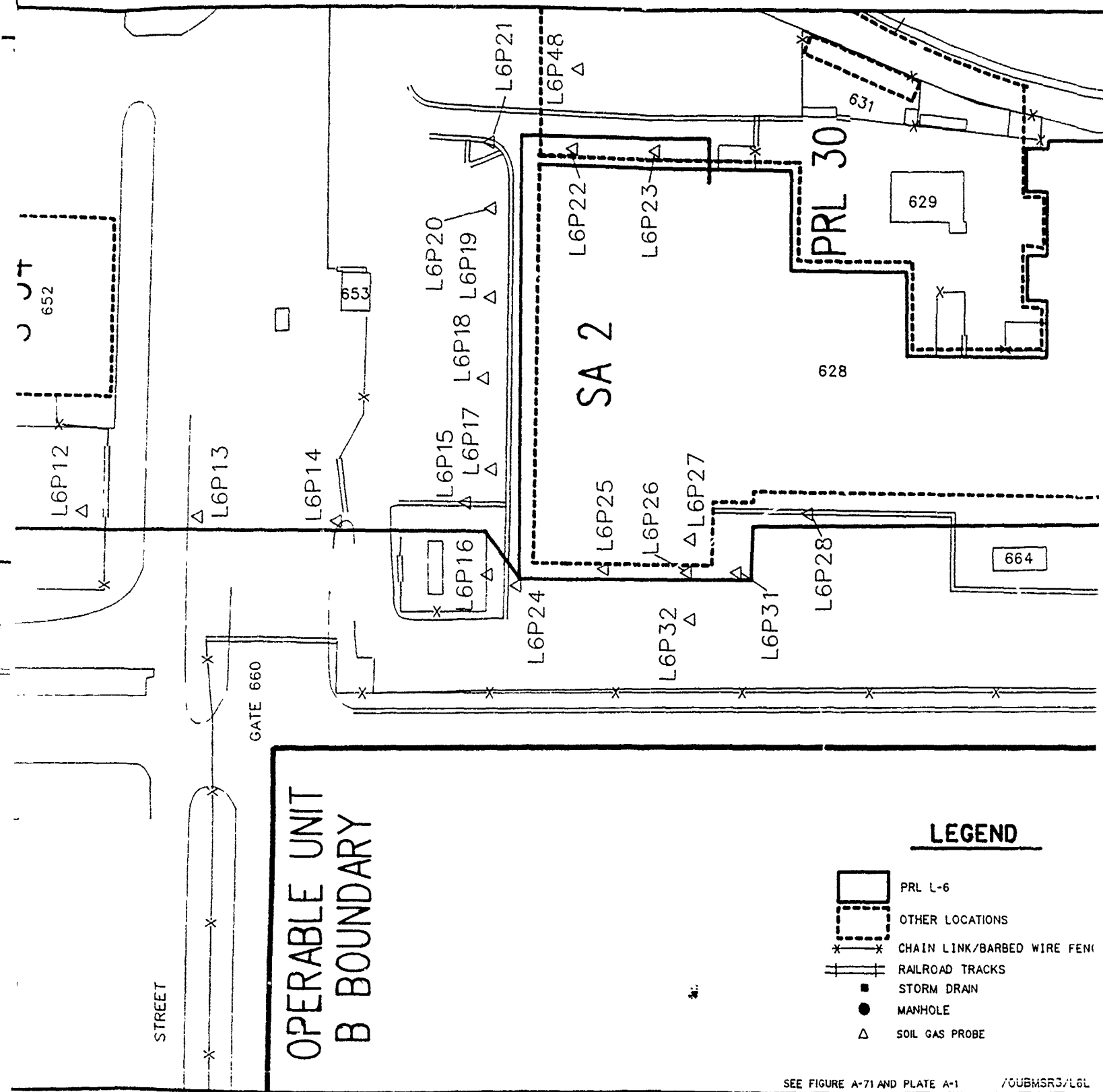
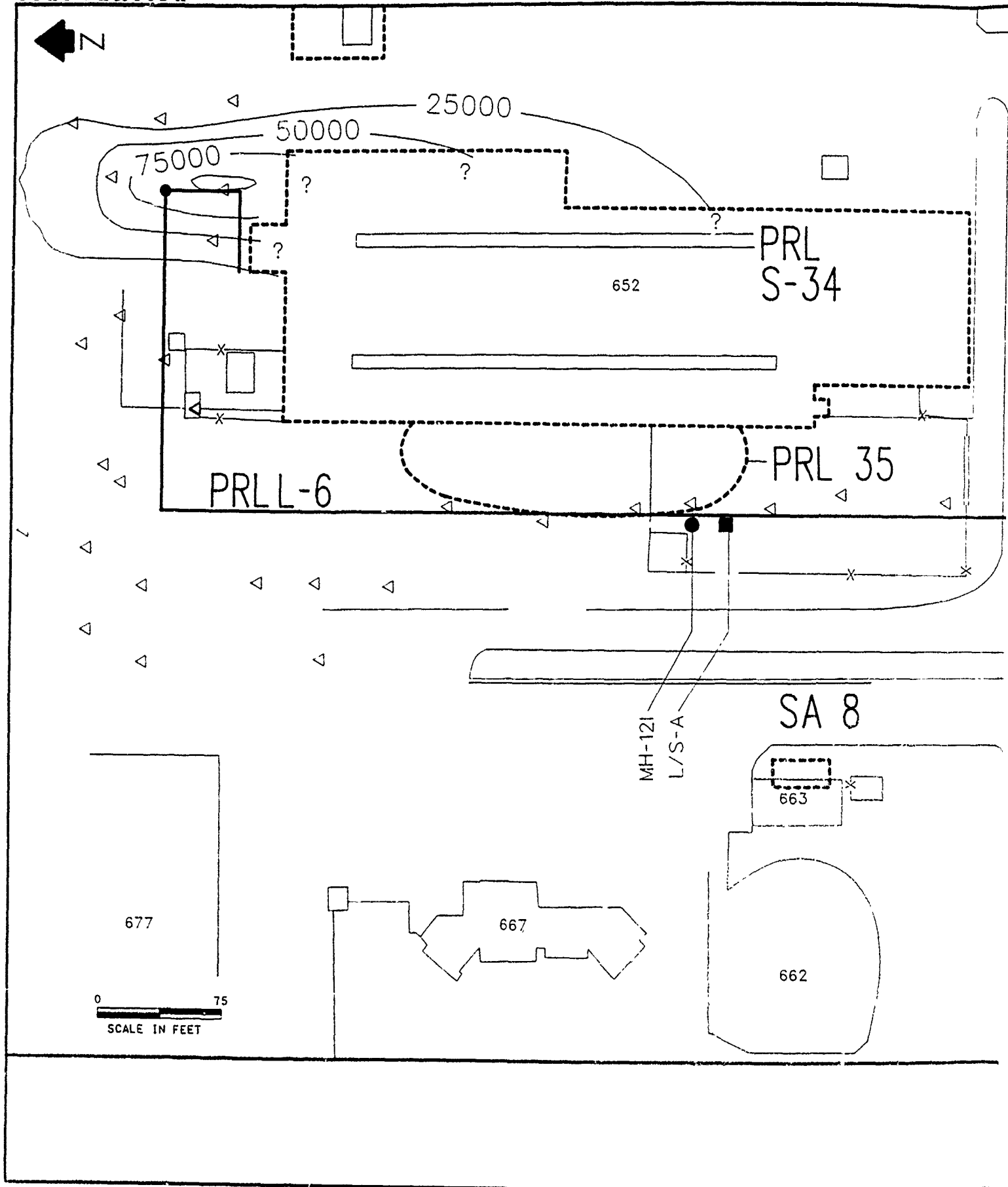


Figure A-19. Soil Gas Sampling Locations at PRL L-6



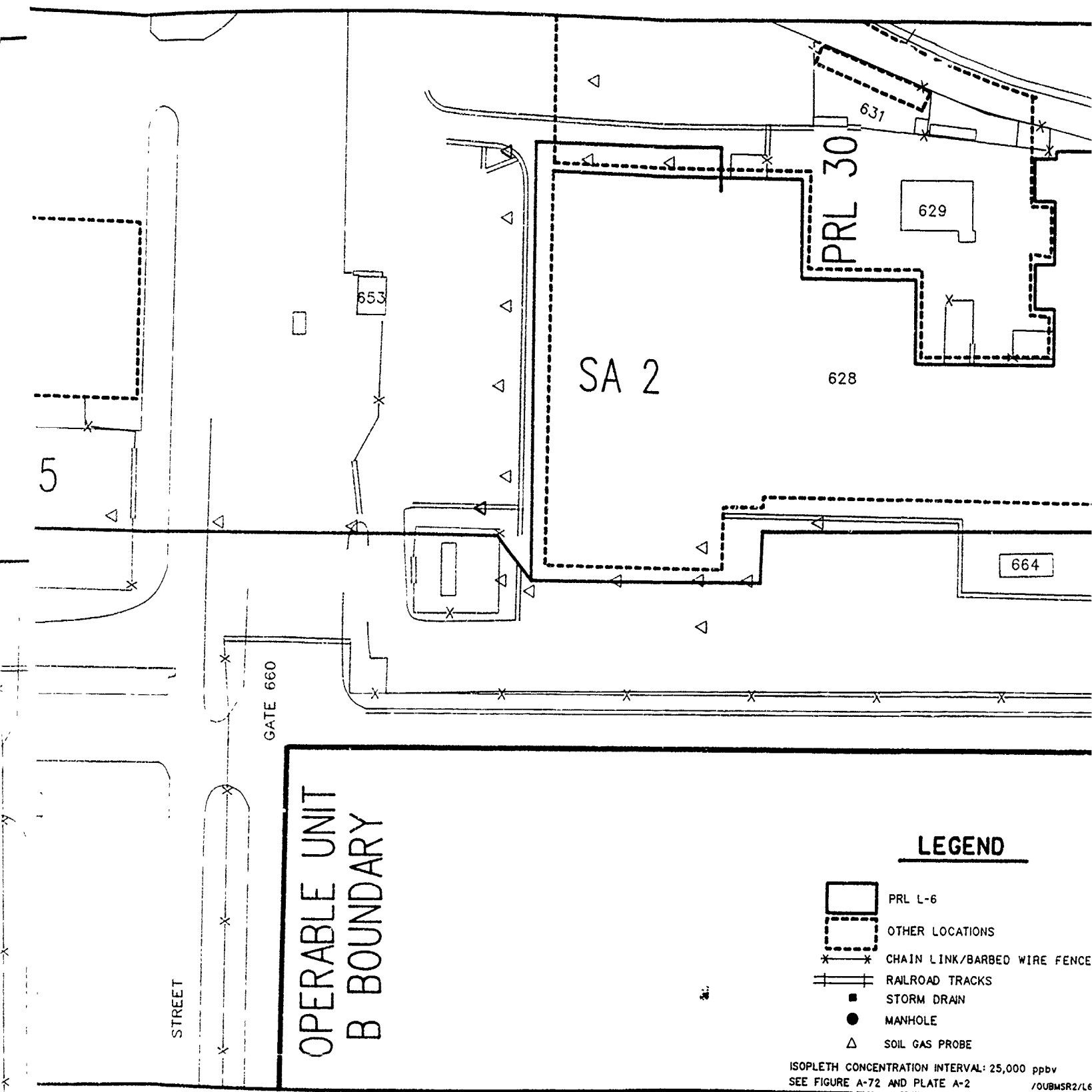
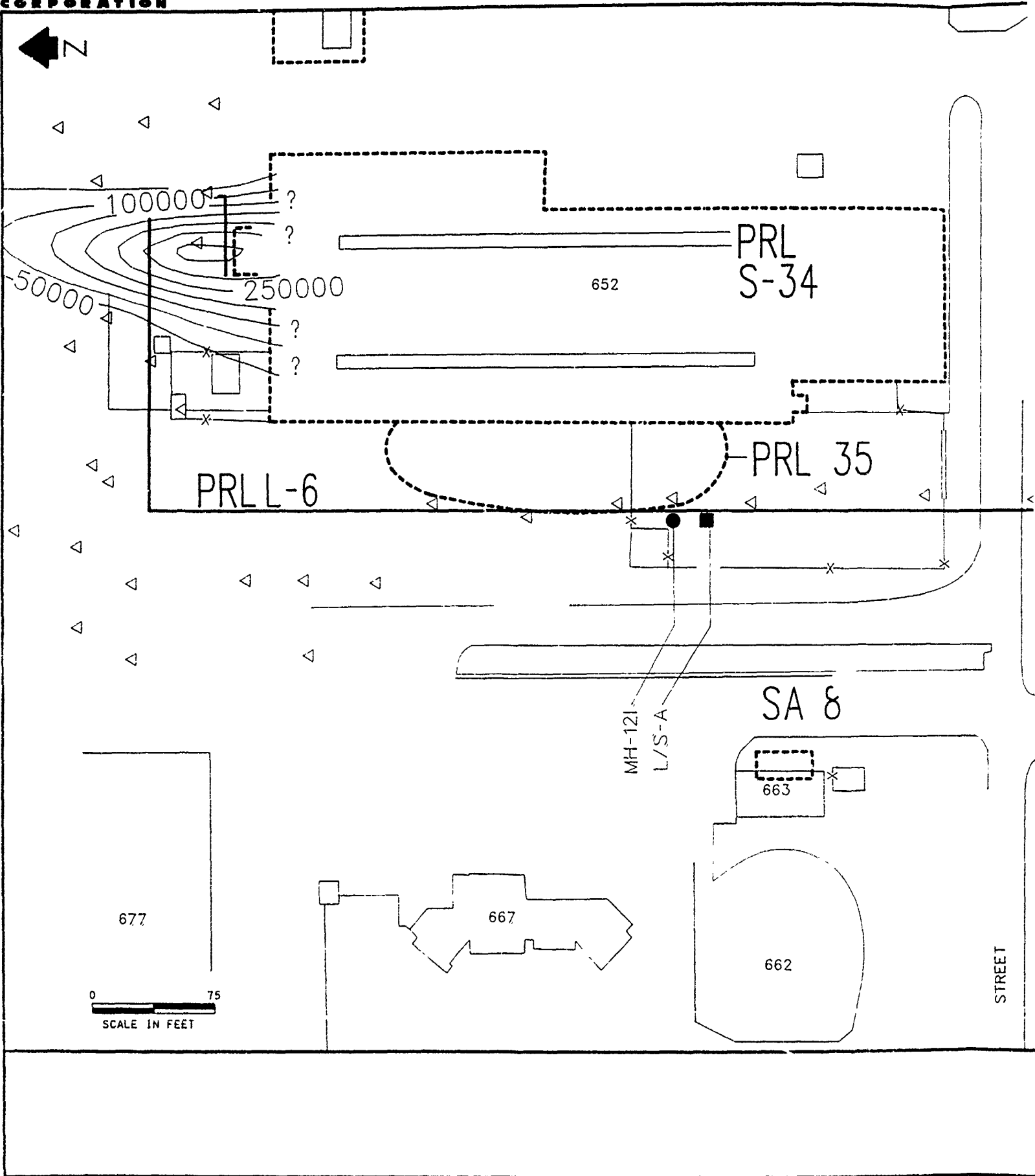


Figure A-20. Soil Gas Concentration Isopleth Map of Total Halogenated Volatile Organic Compounds at PRL L-6.



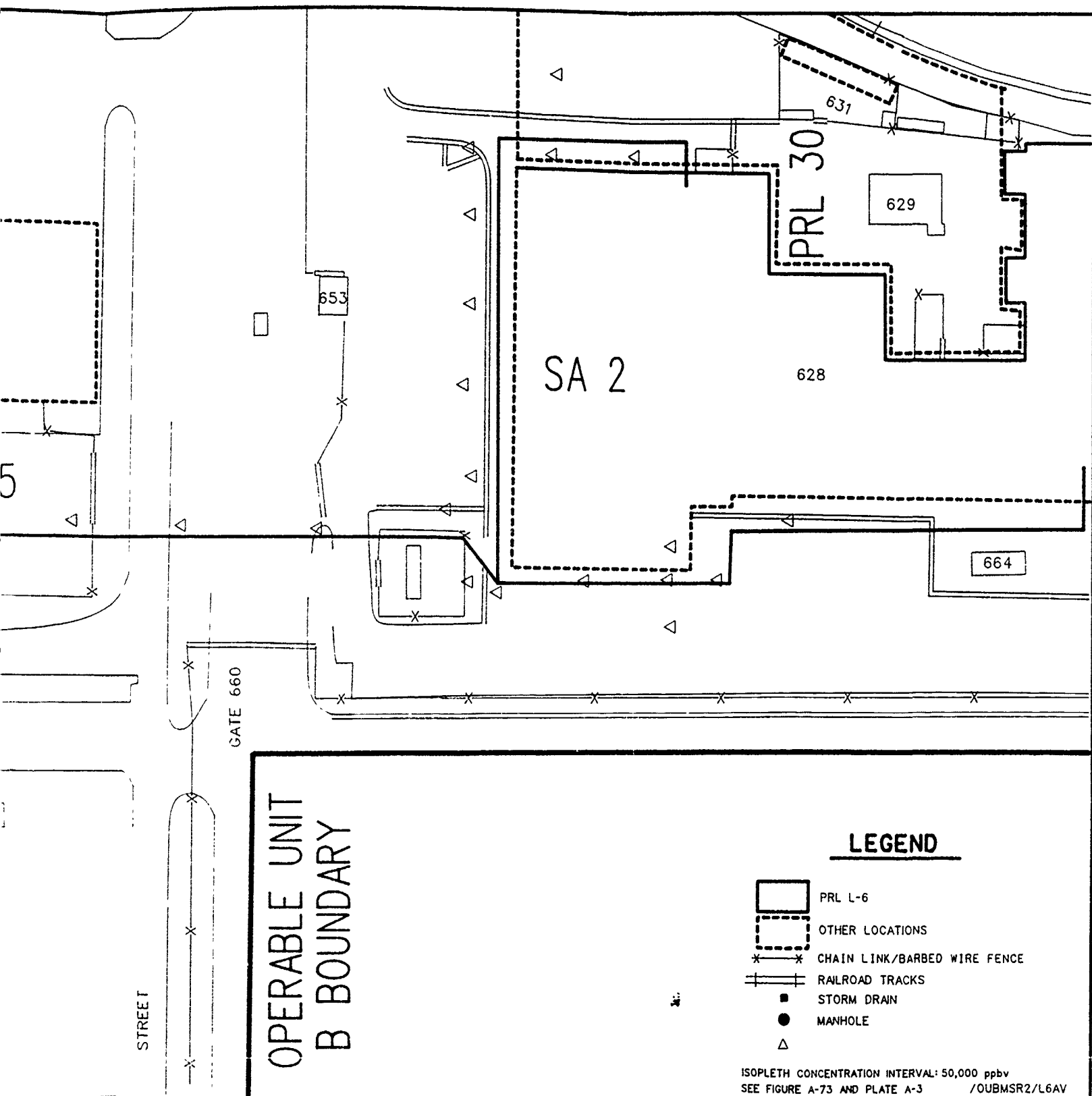


Figure A-21. Soil Gas Concentration Isopleth Map of Total Aromatic Volatile Organic Compounds at PRL L-6.

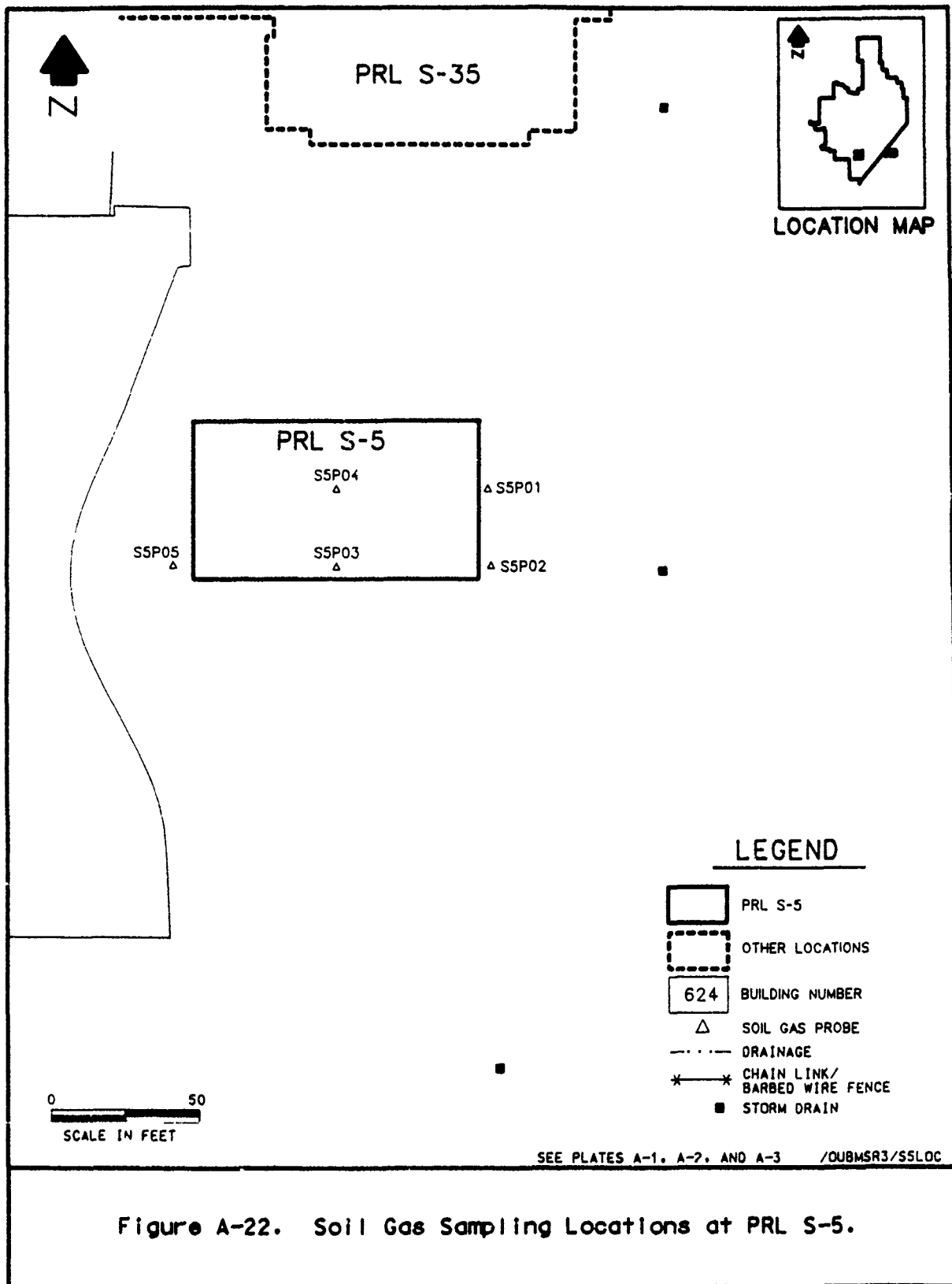
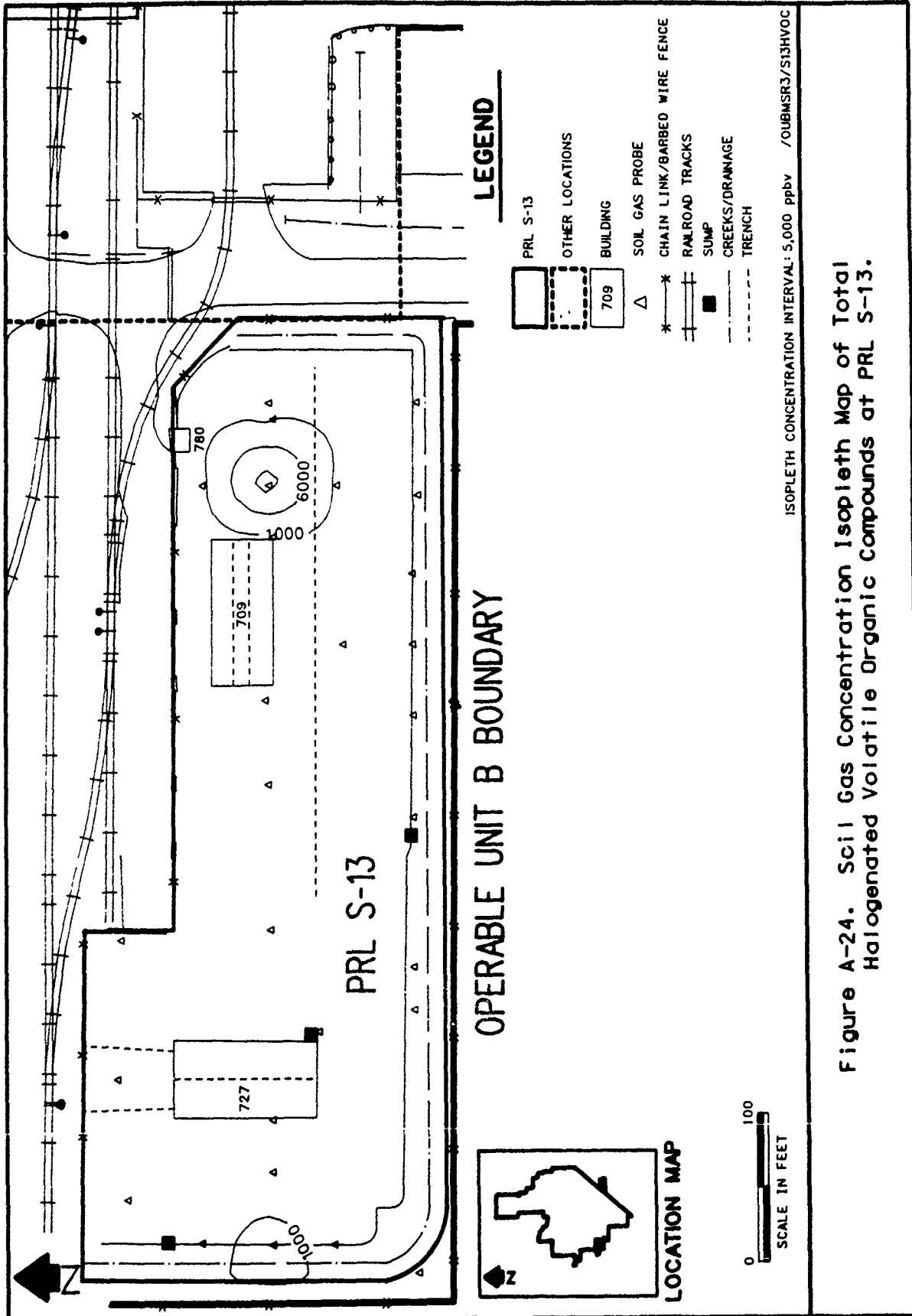
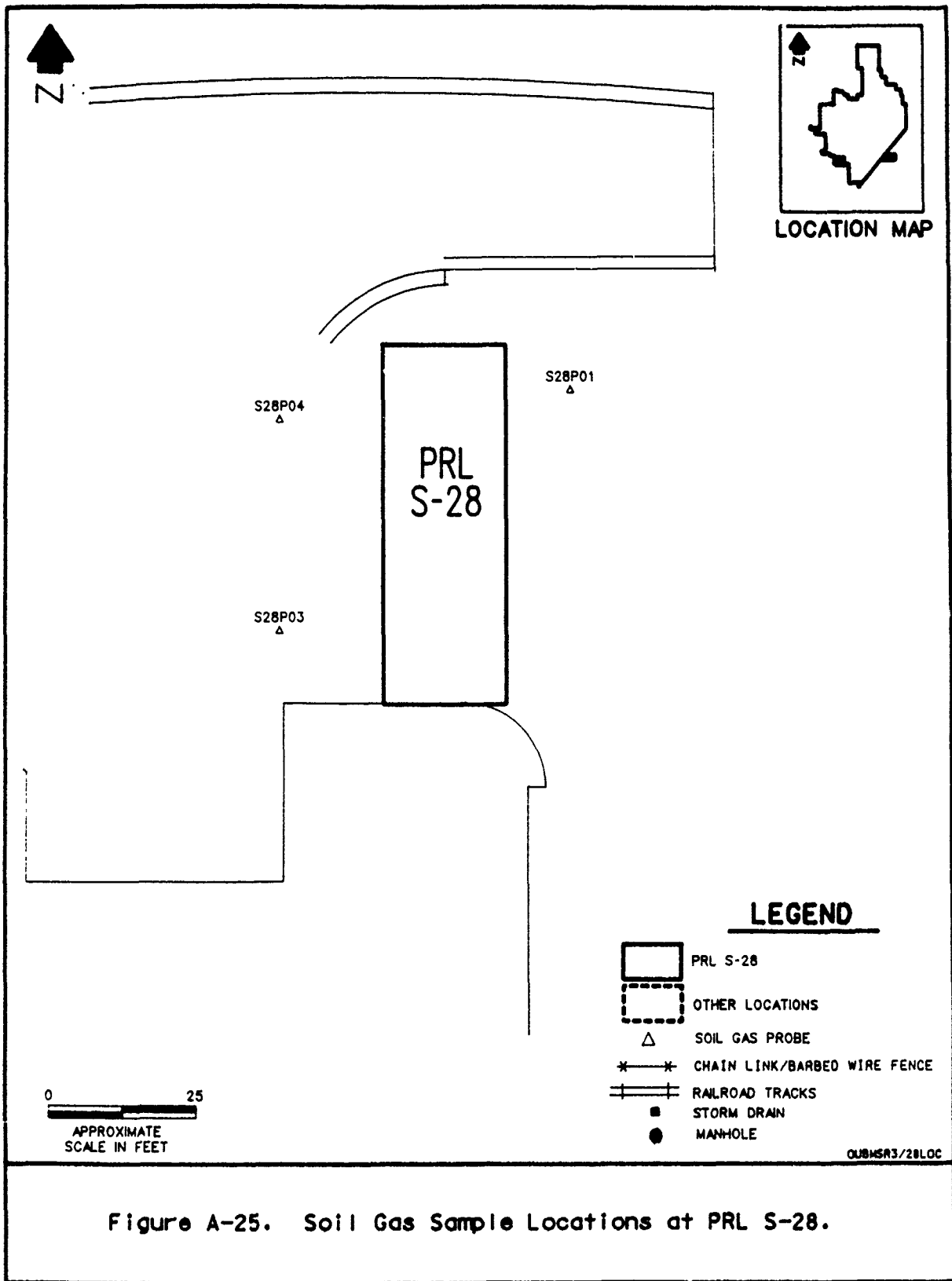
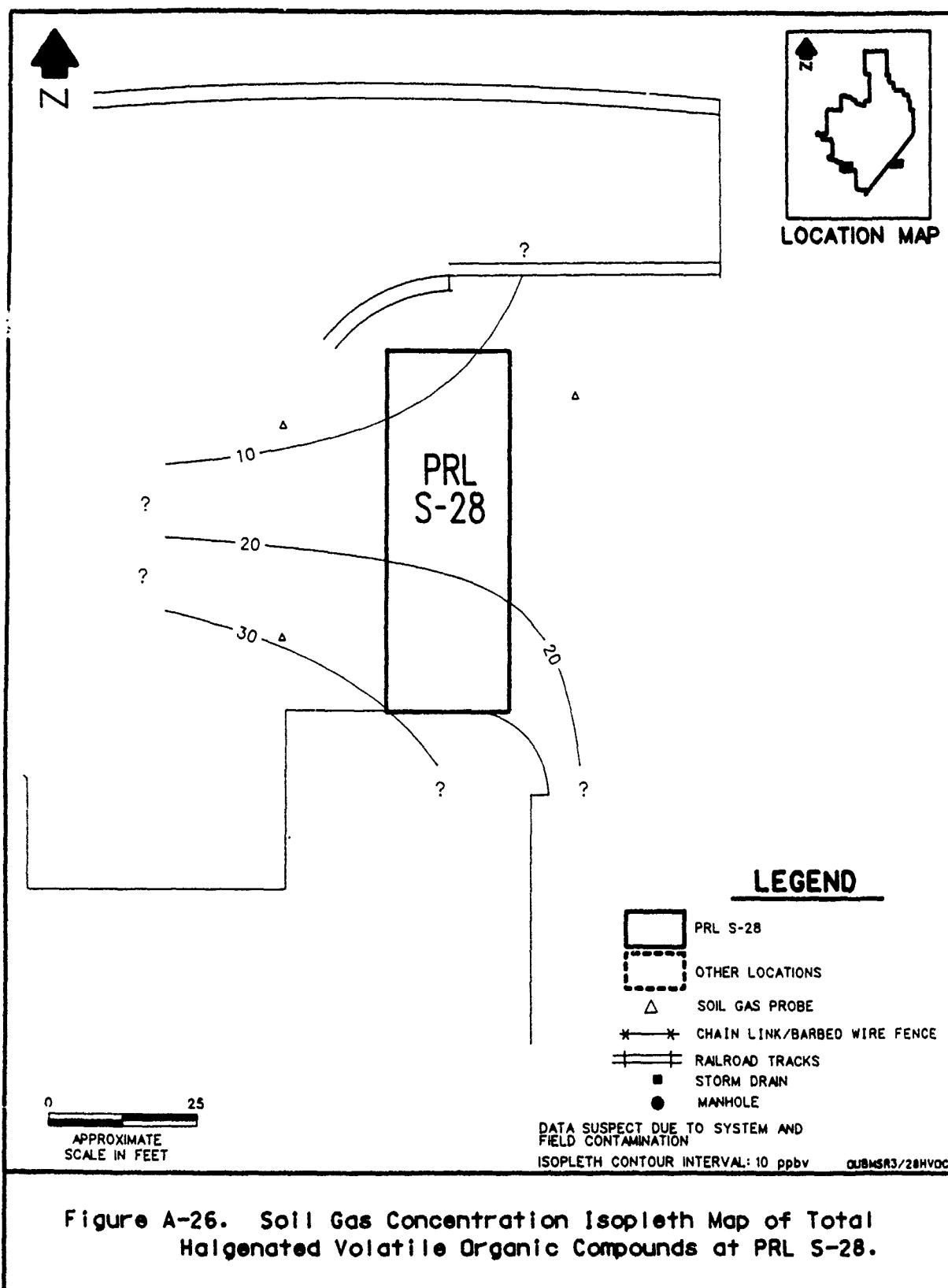
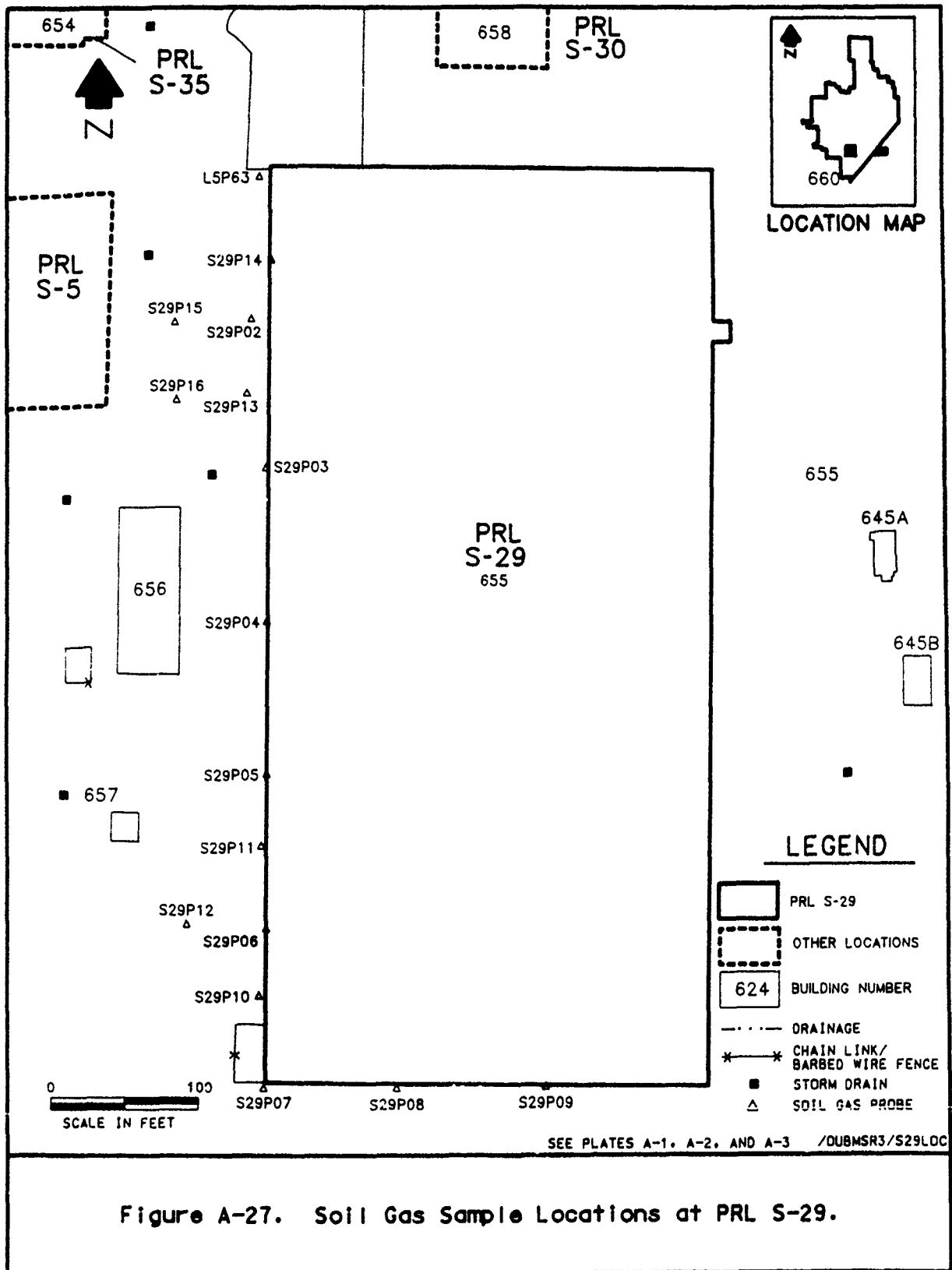


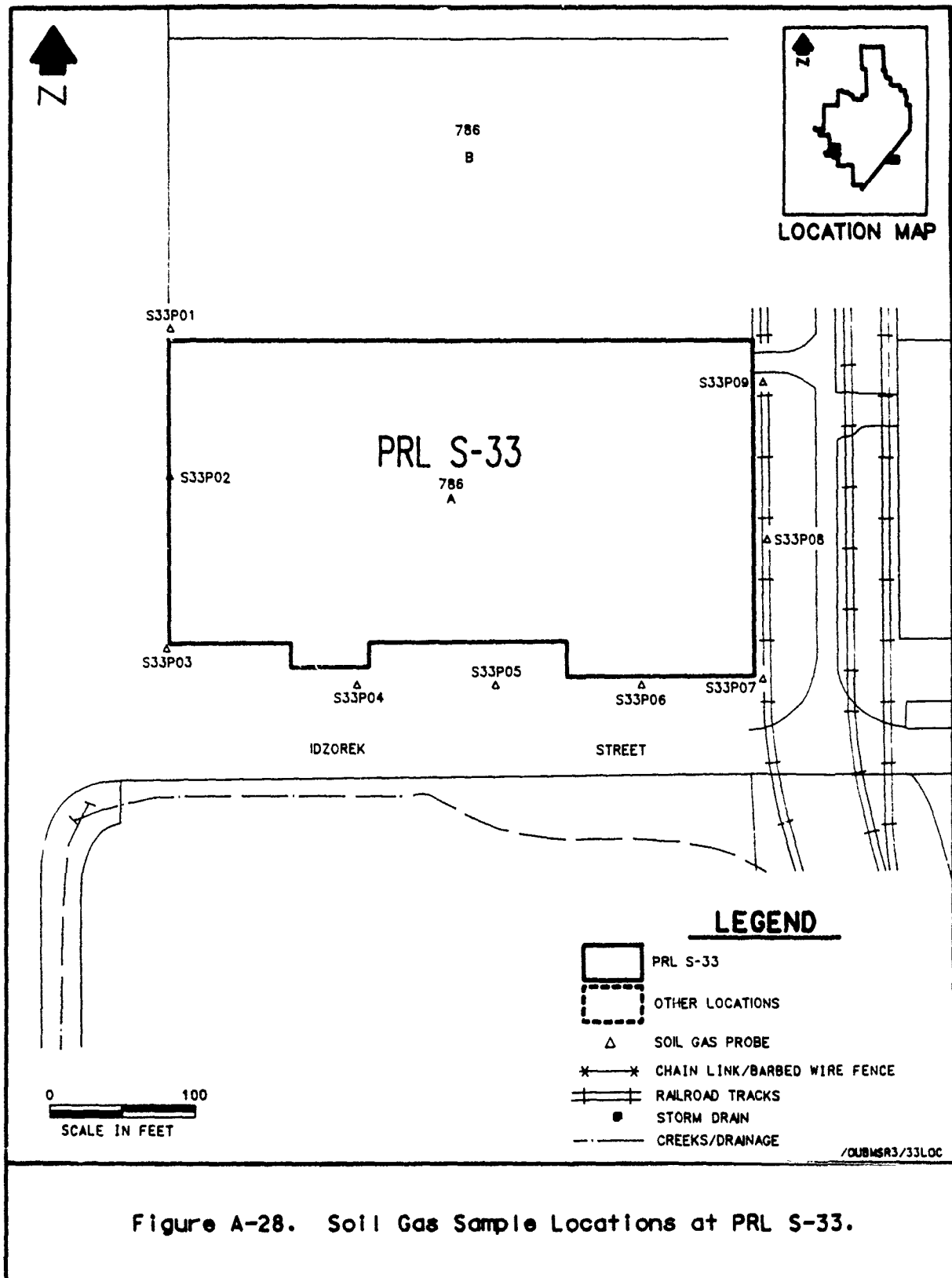
Figure A-23. Soil Gas Sampling Locations at PRL S-13.

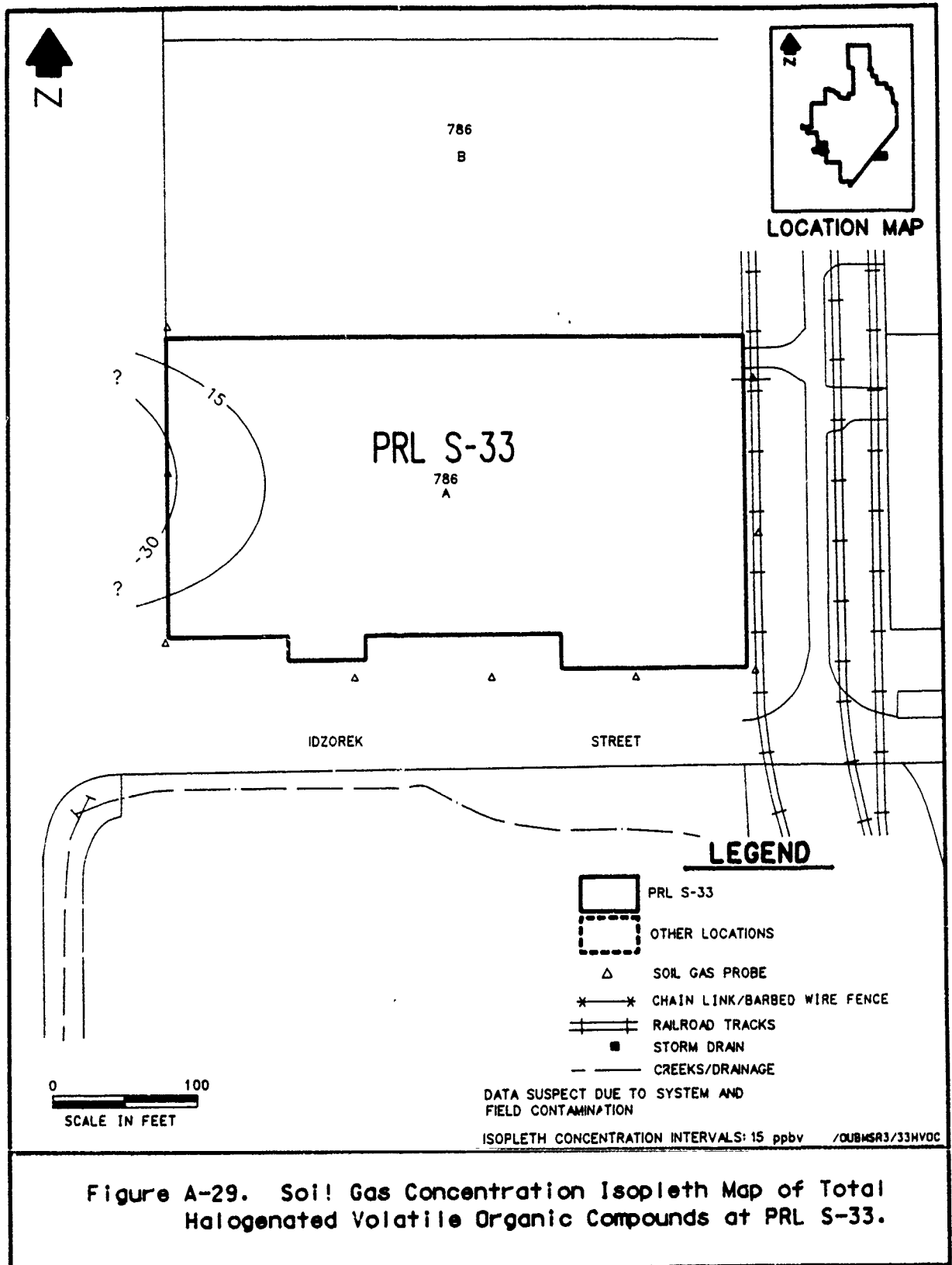


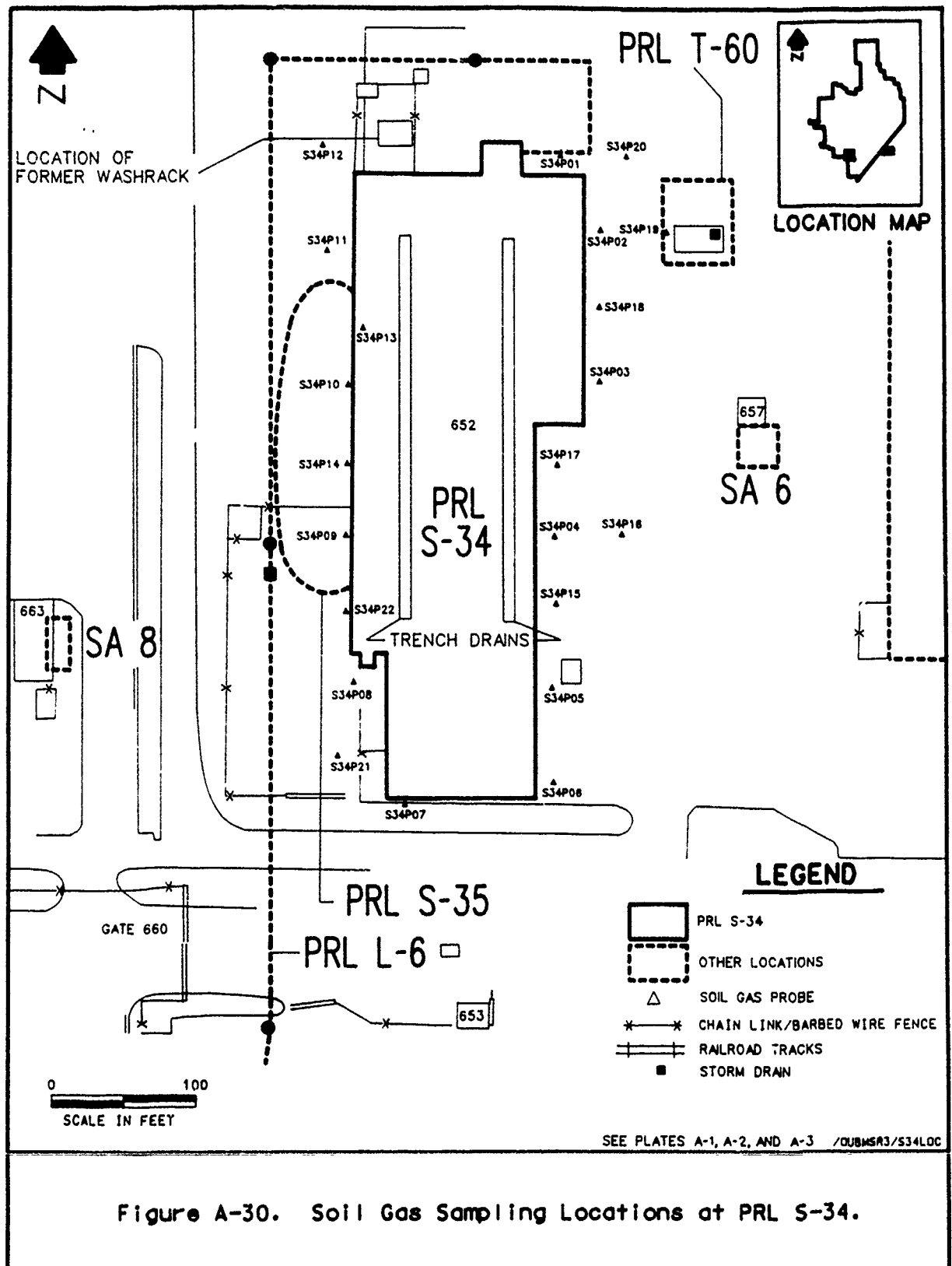


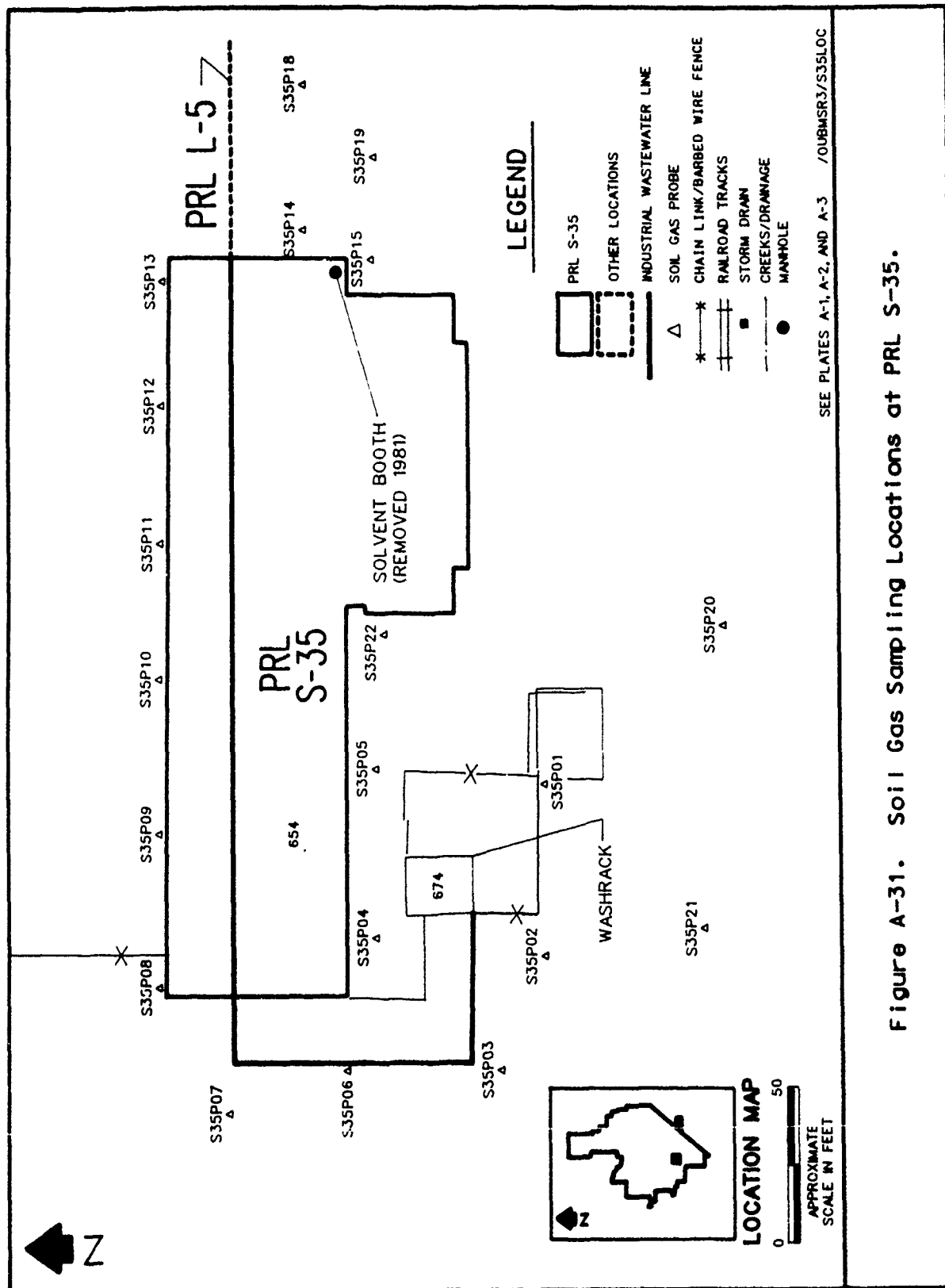


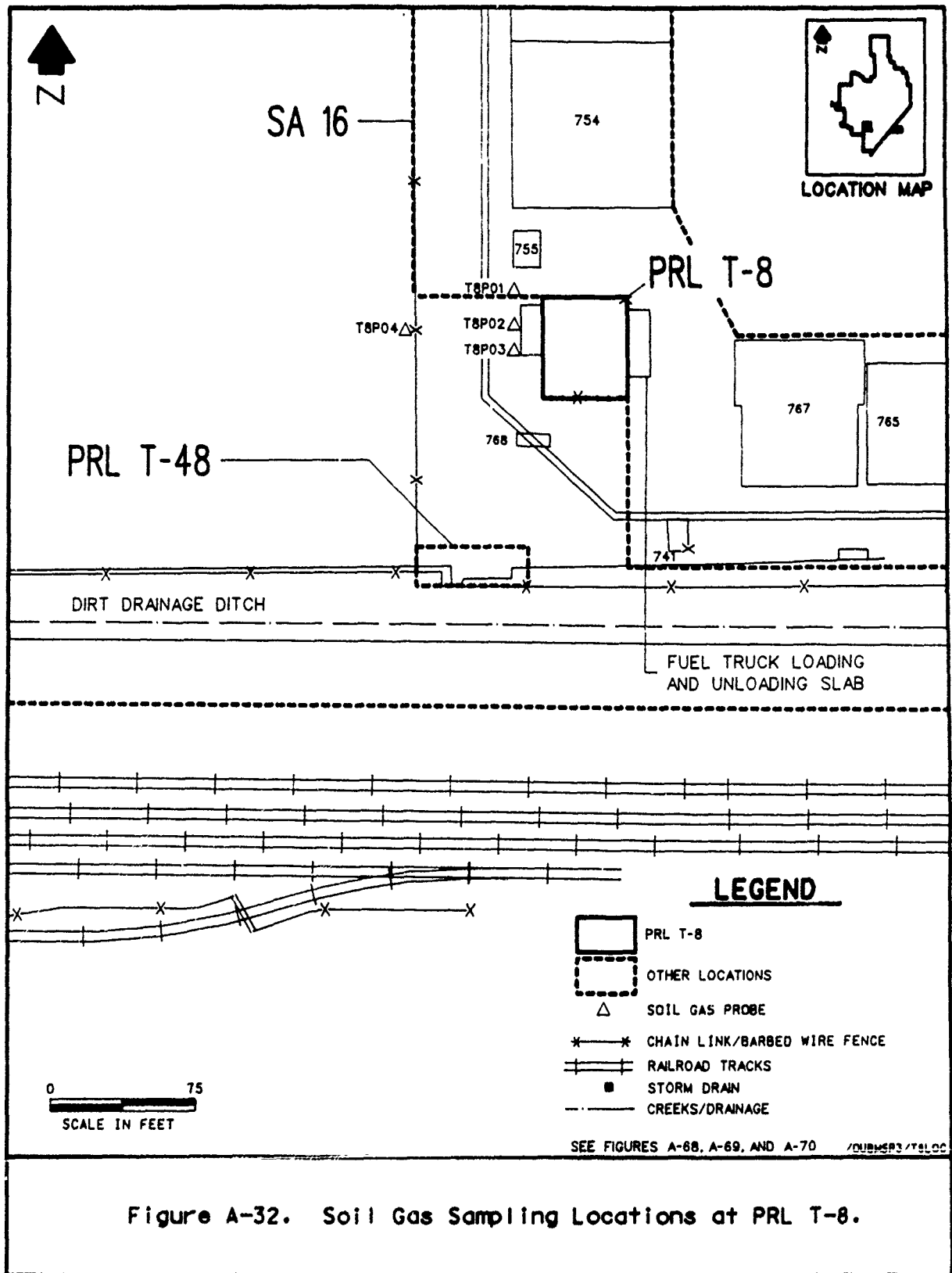












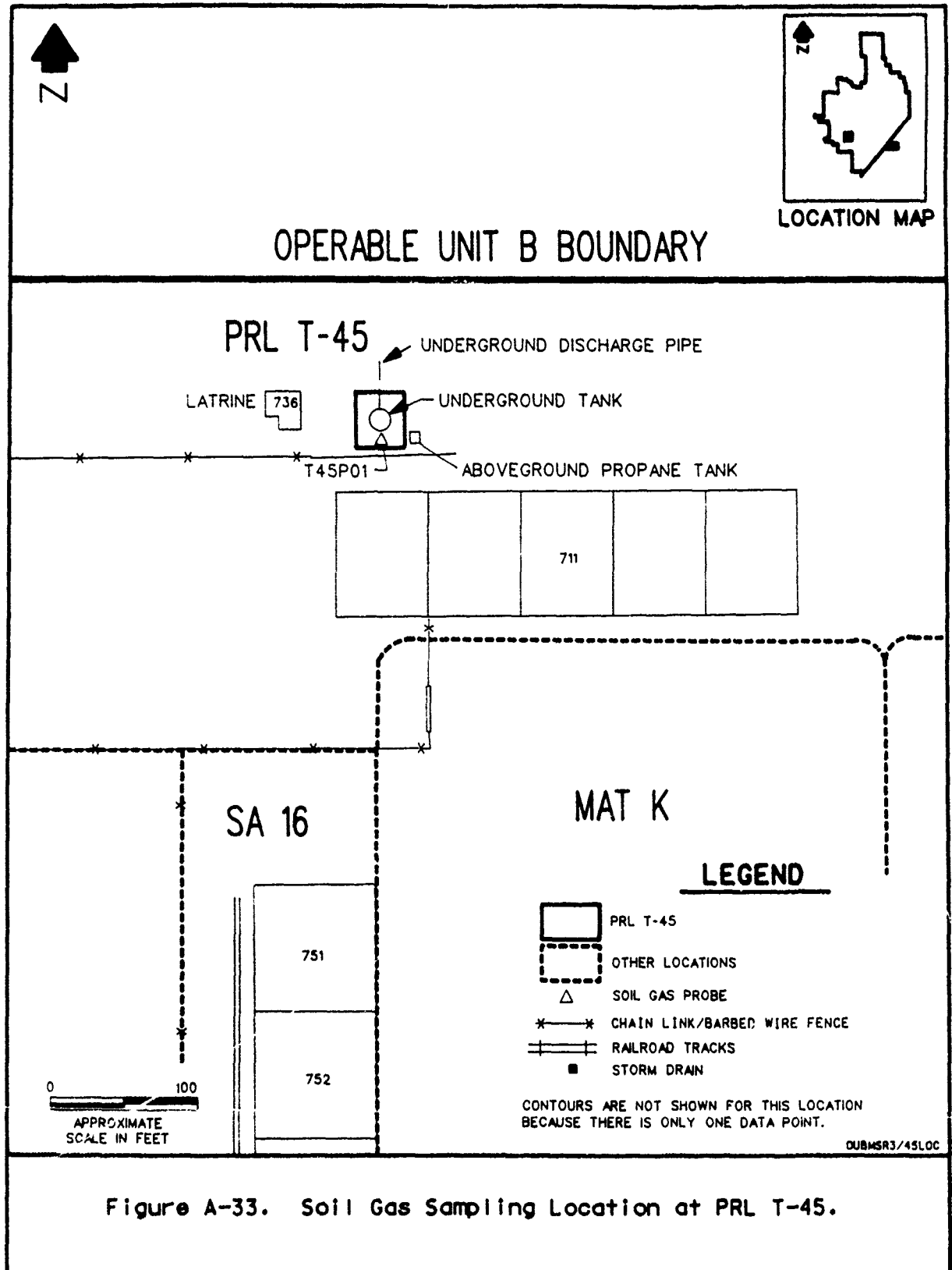
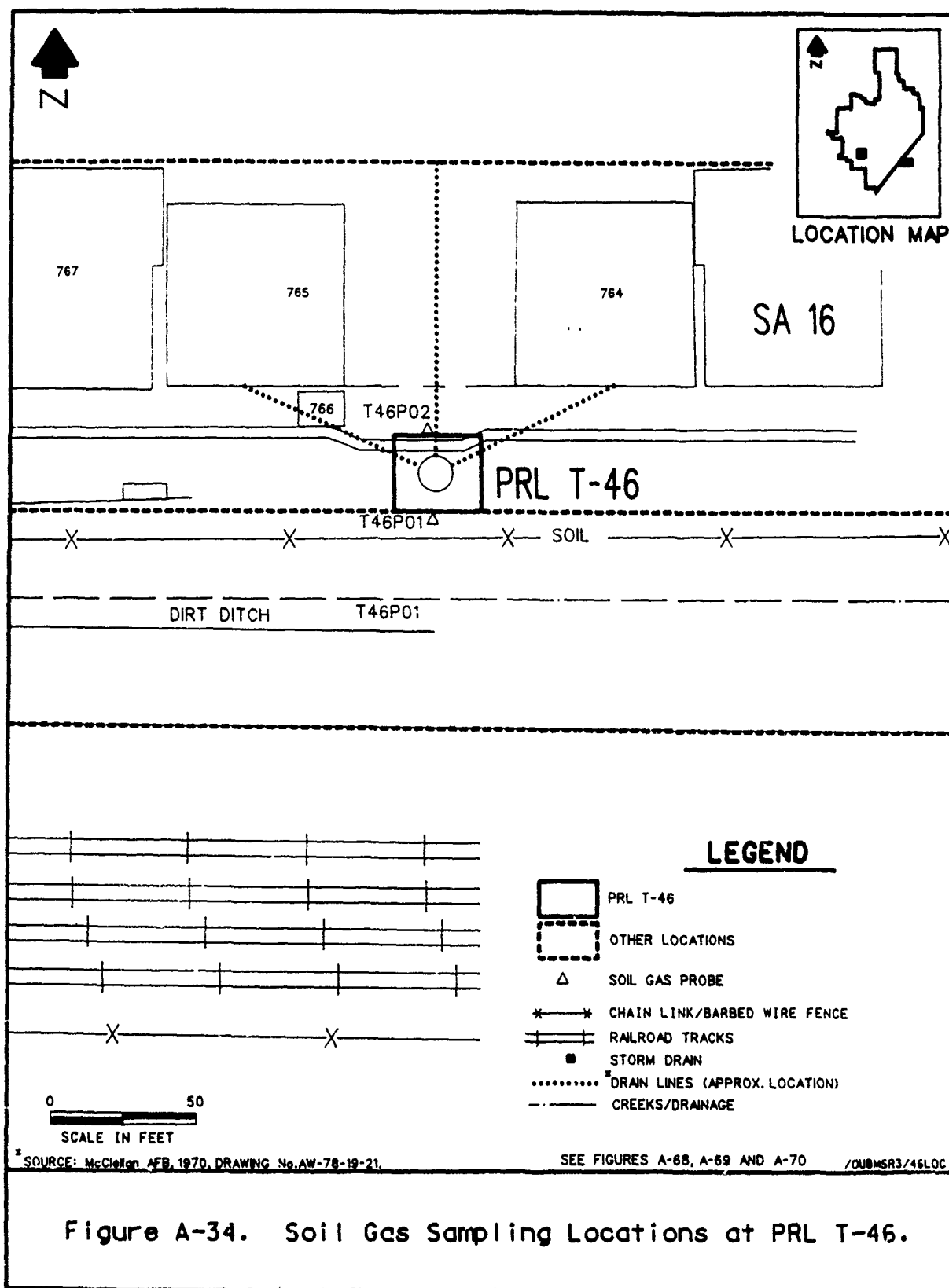


Figure A-33. Soil Gas Sampling Location at PRL T-45.



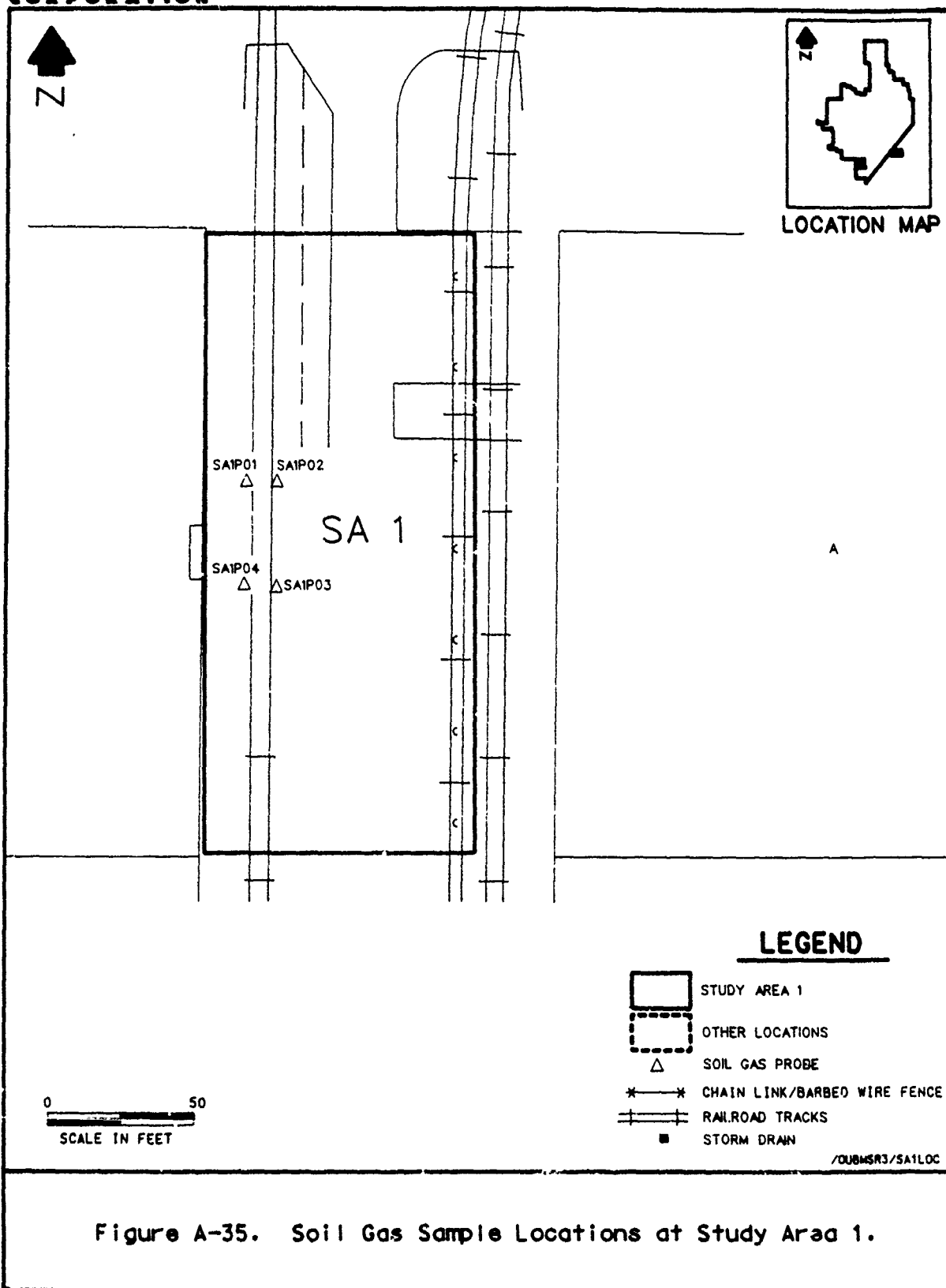
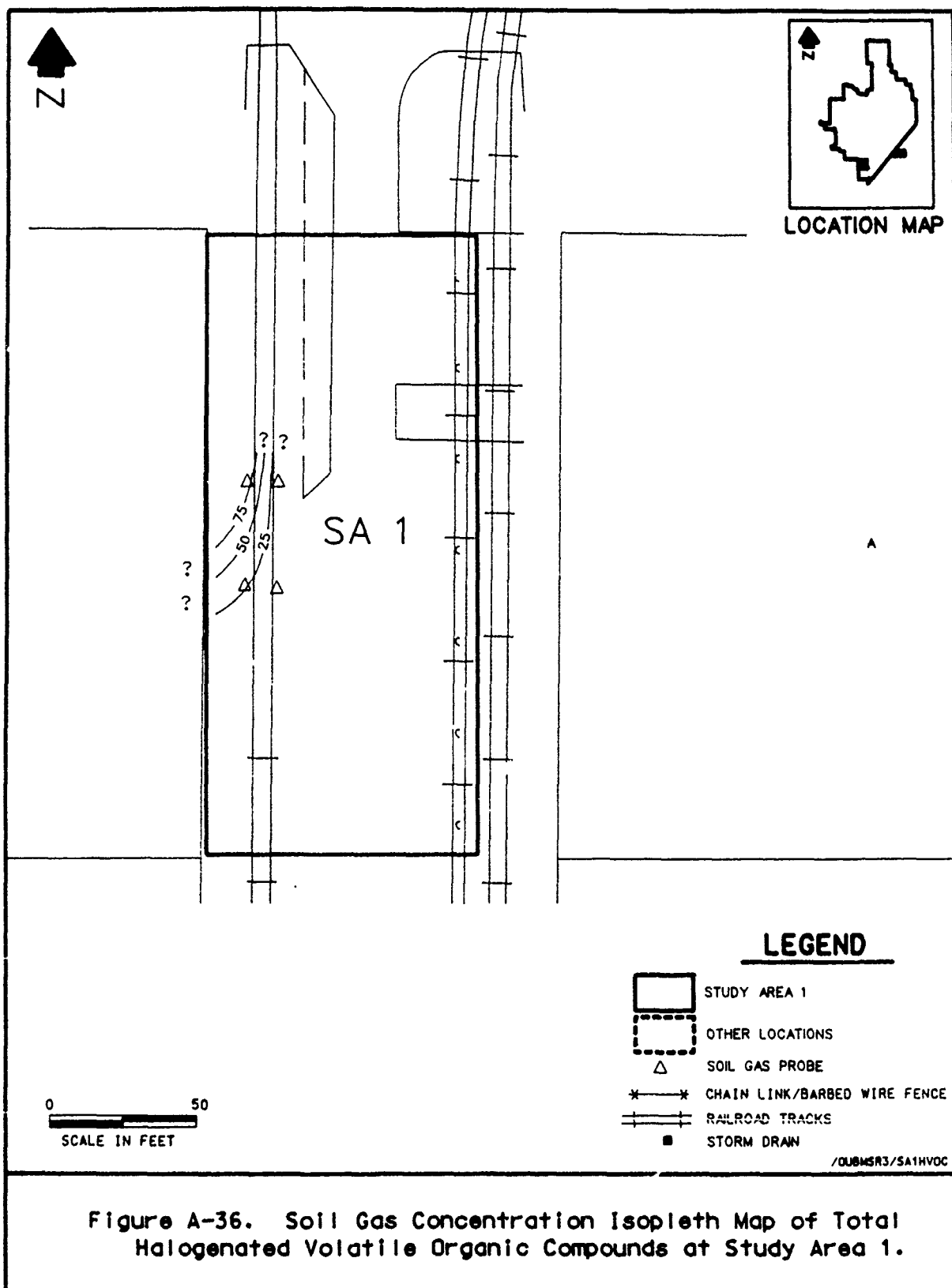
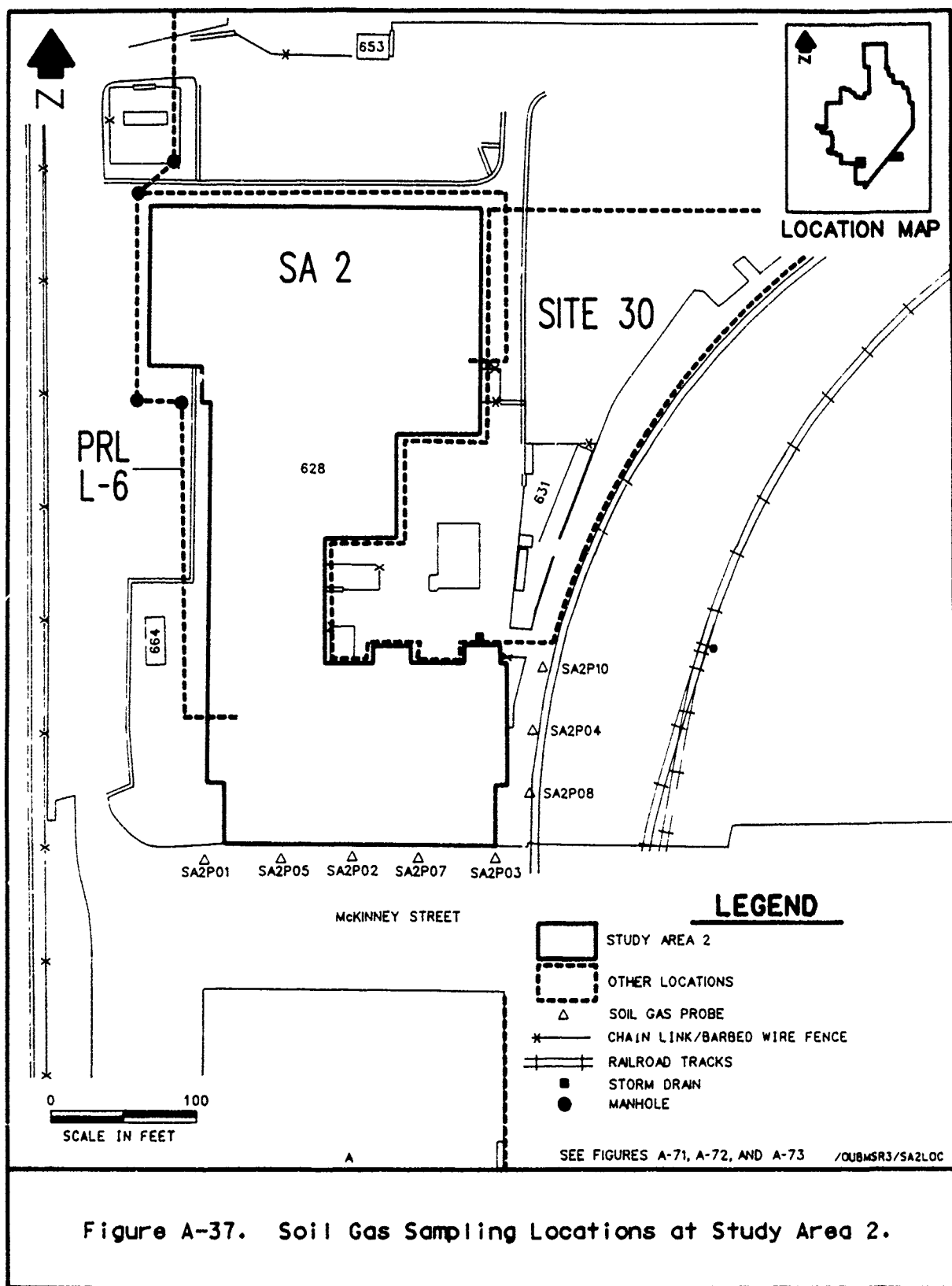
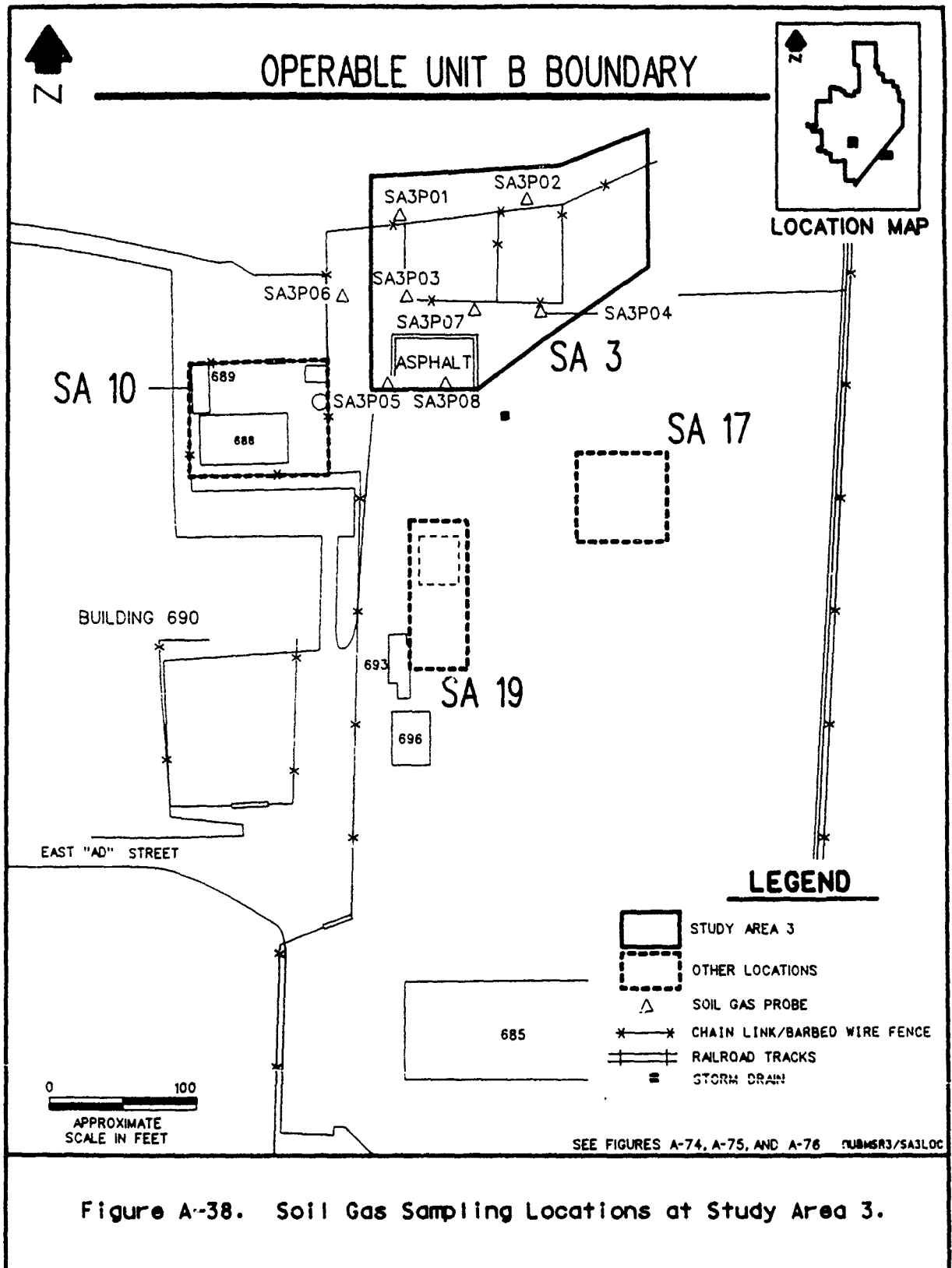
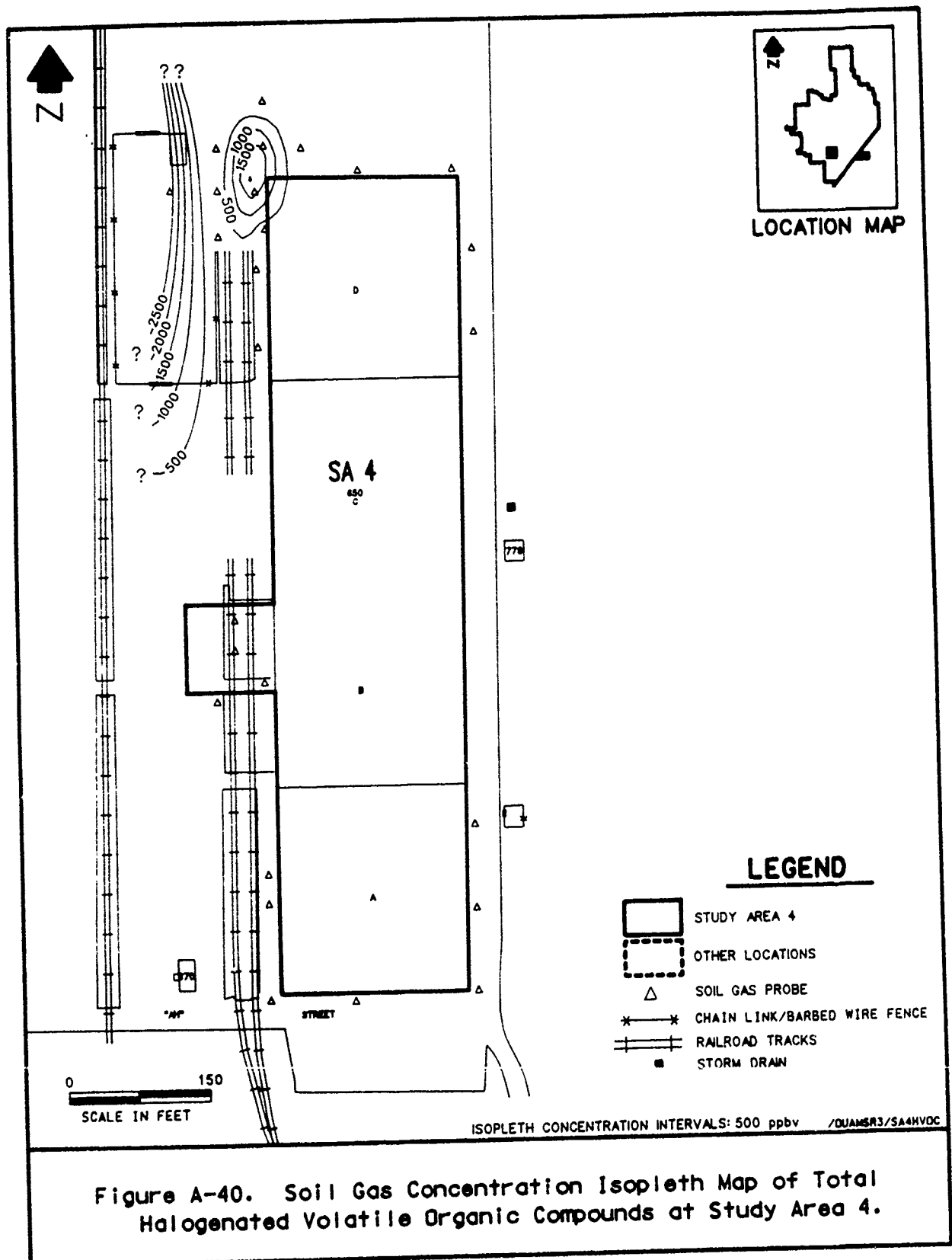


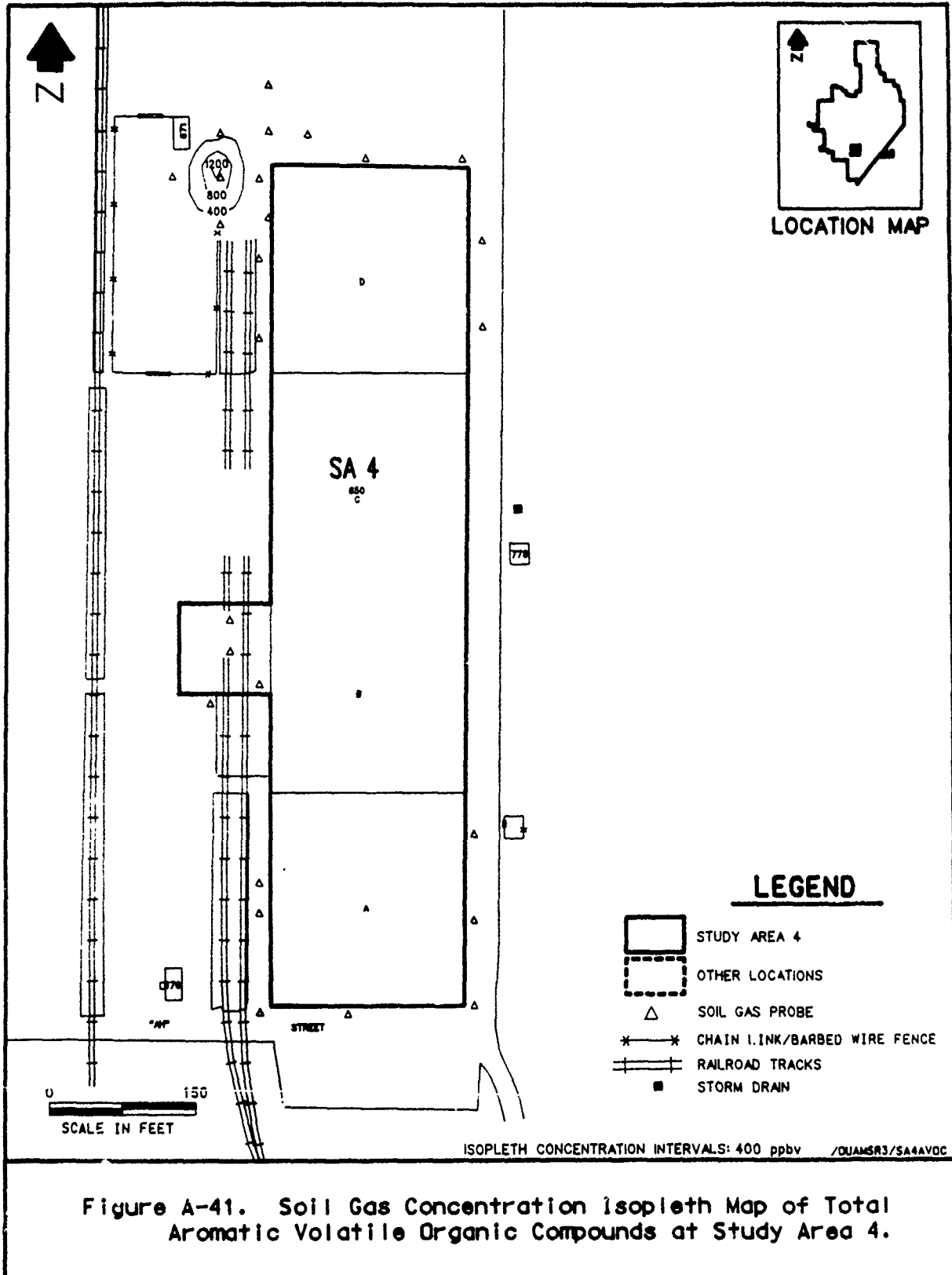
Figure A-35. Soil Gas Sample Locations at Study Area 1.

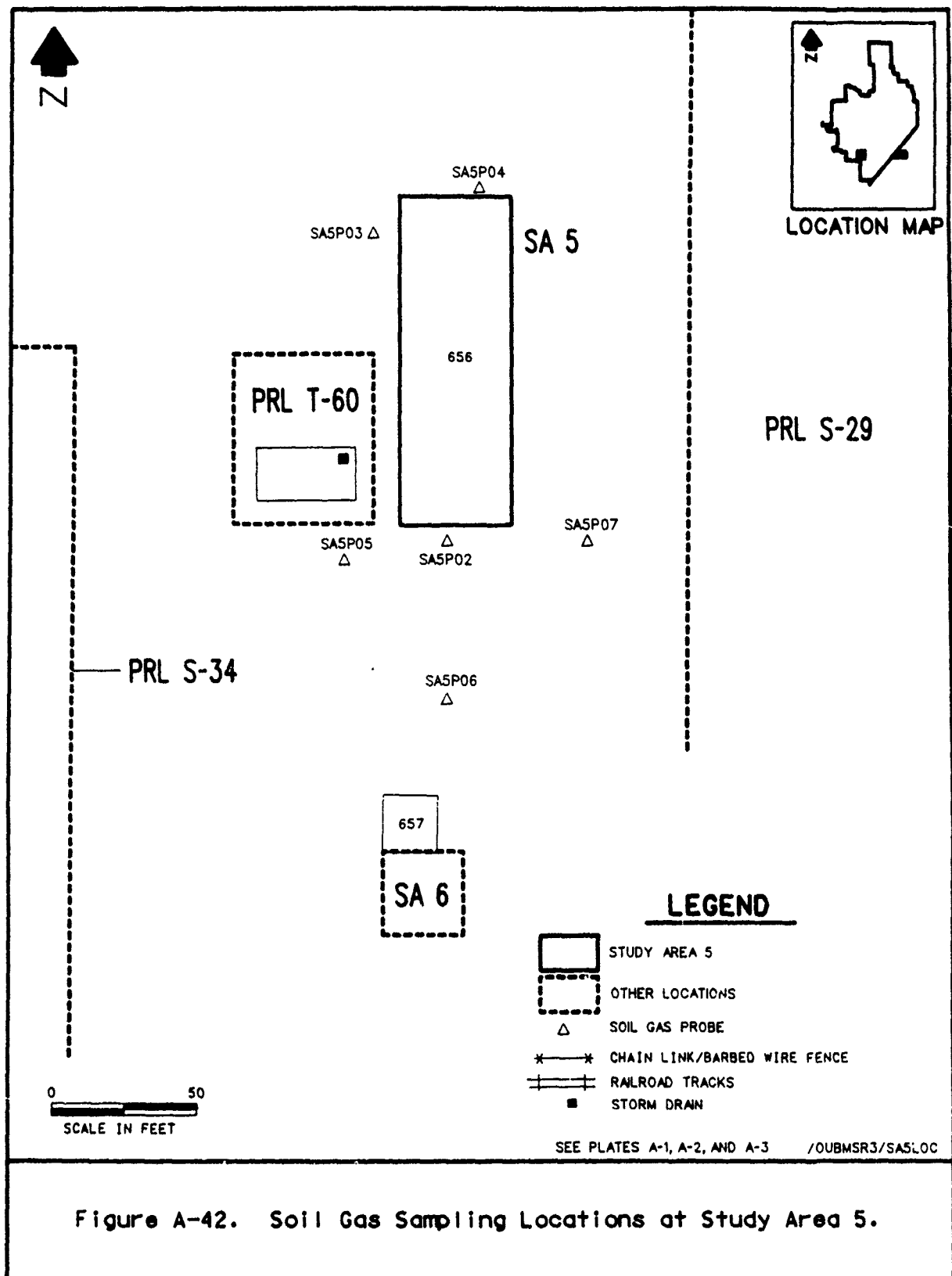


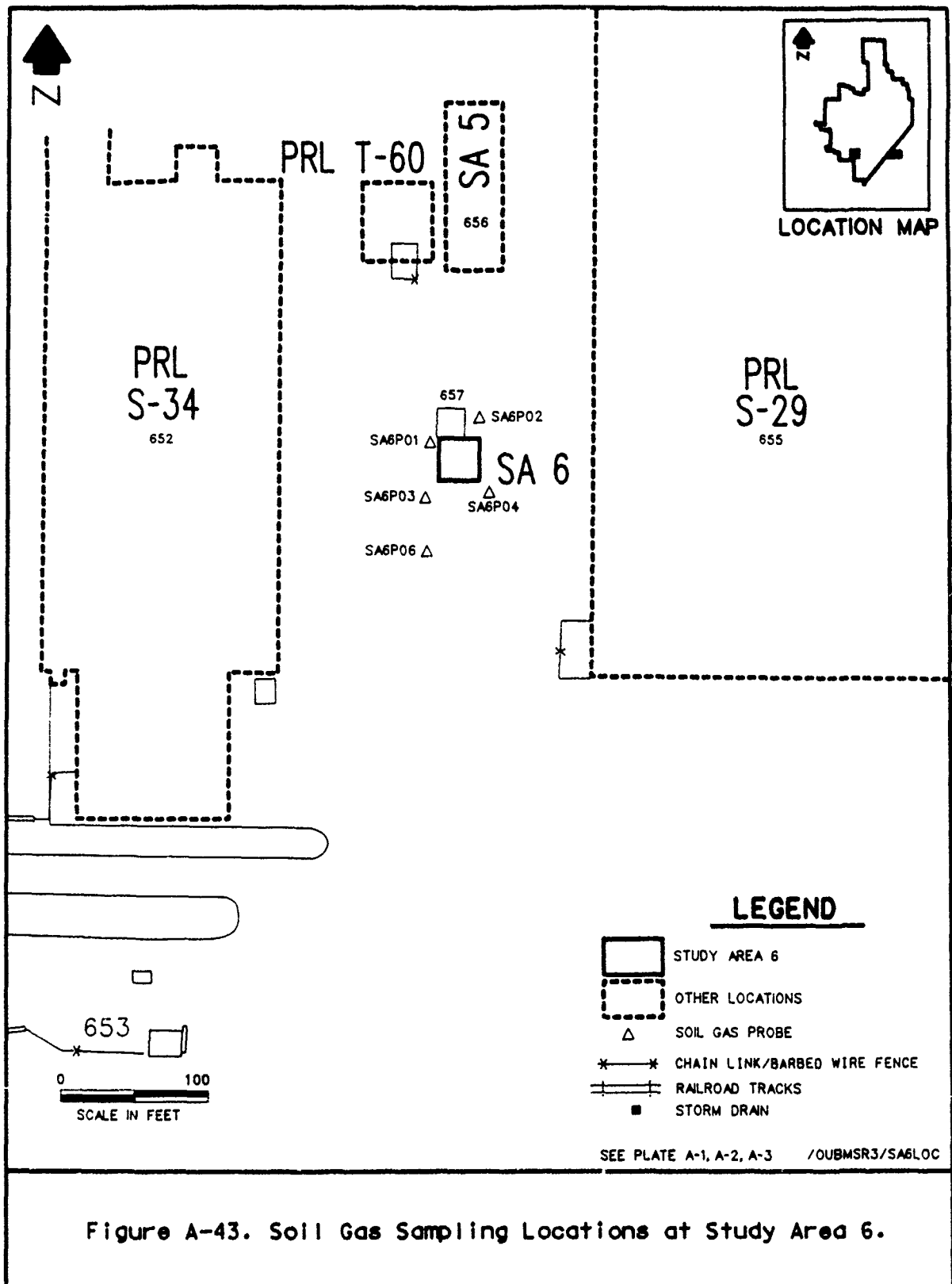


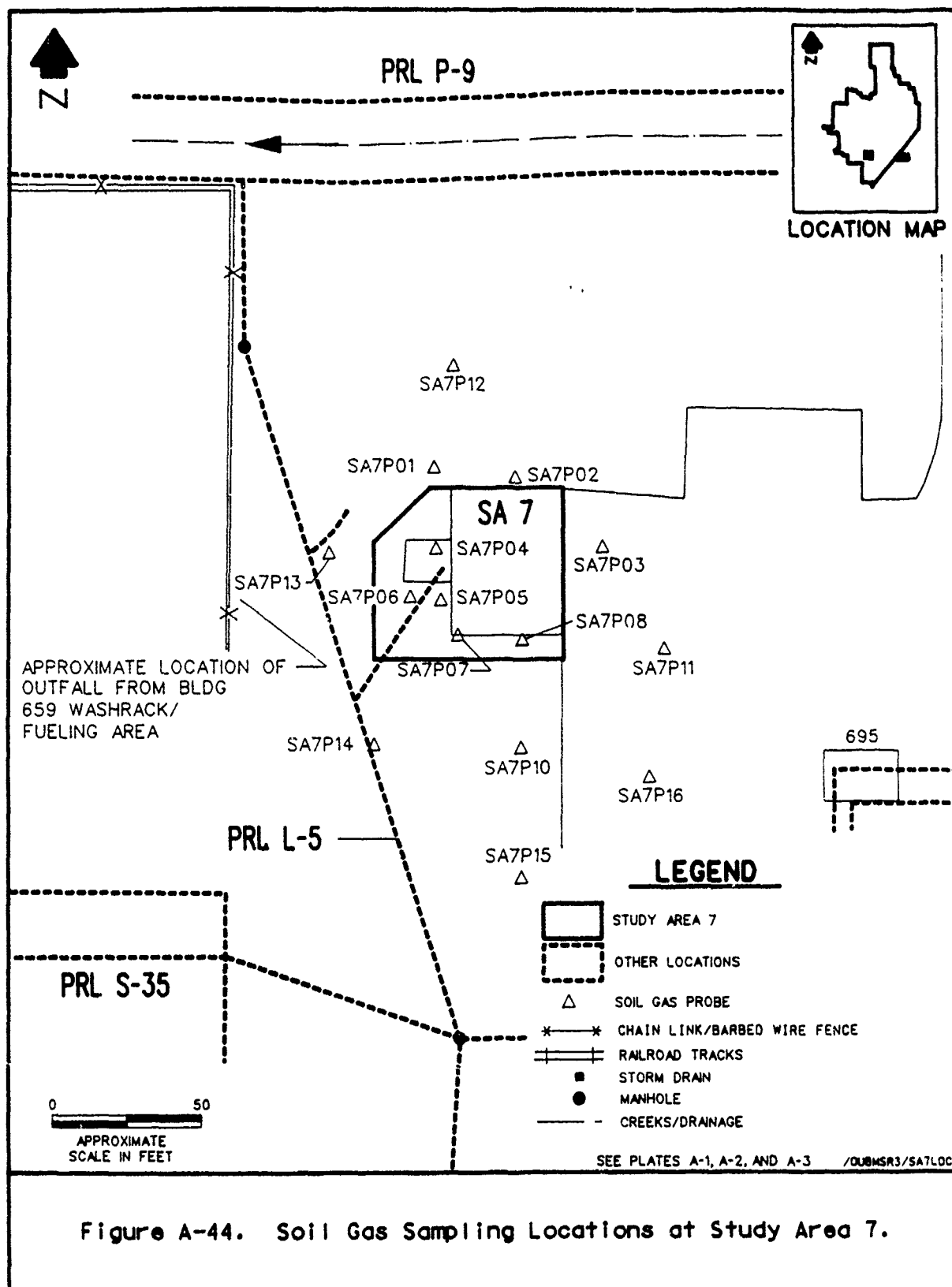


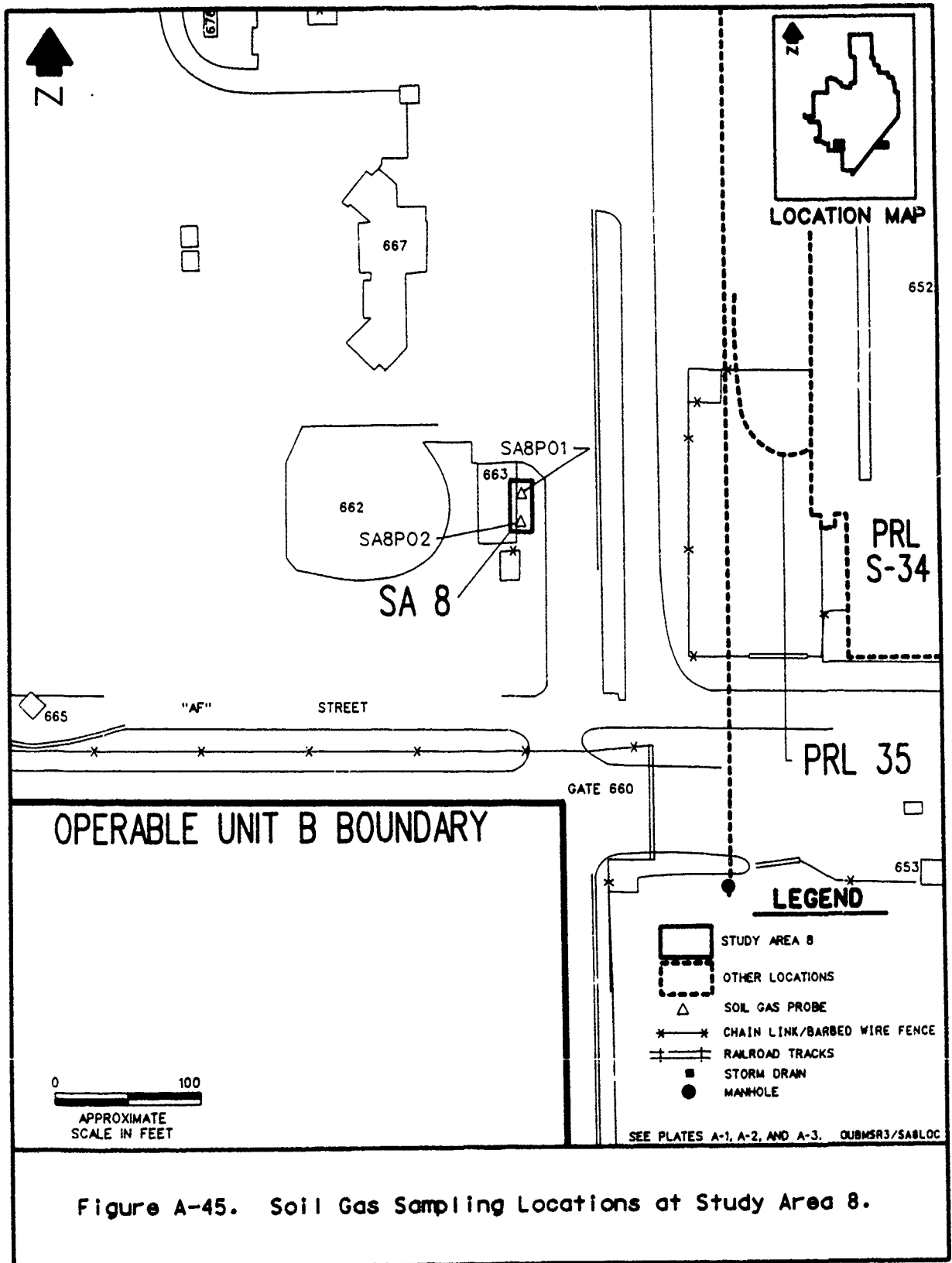


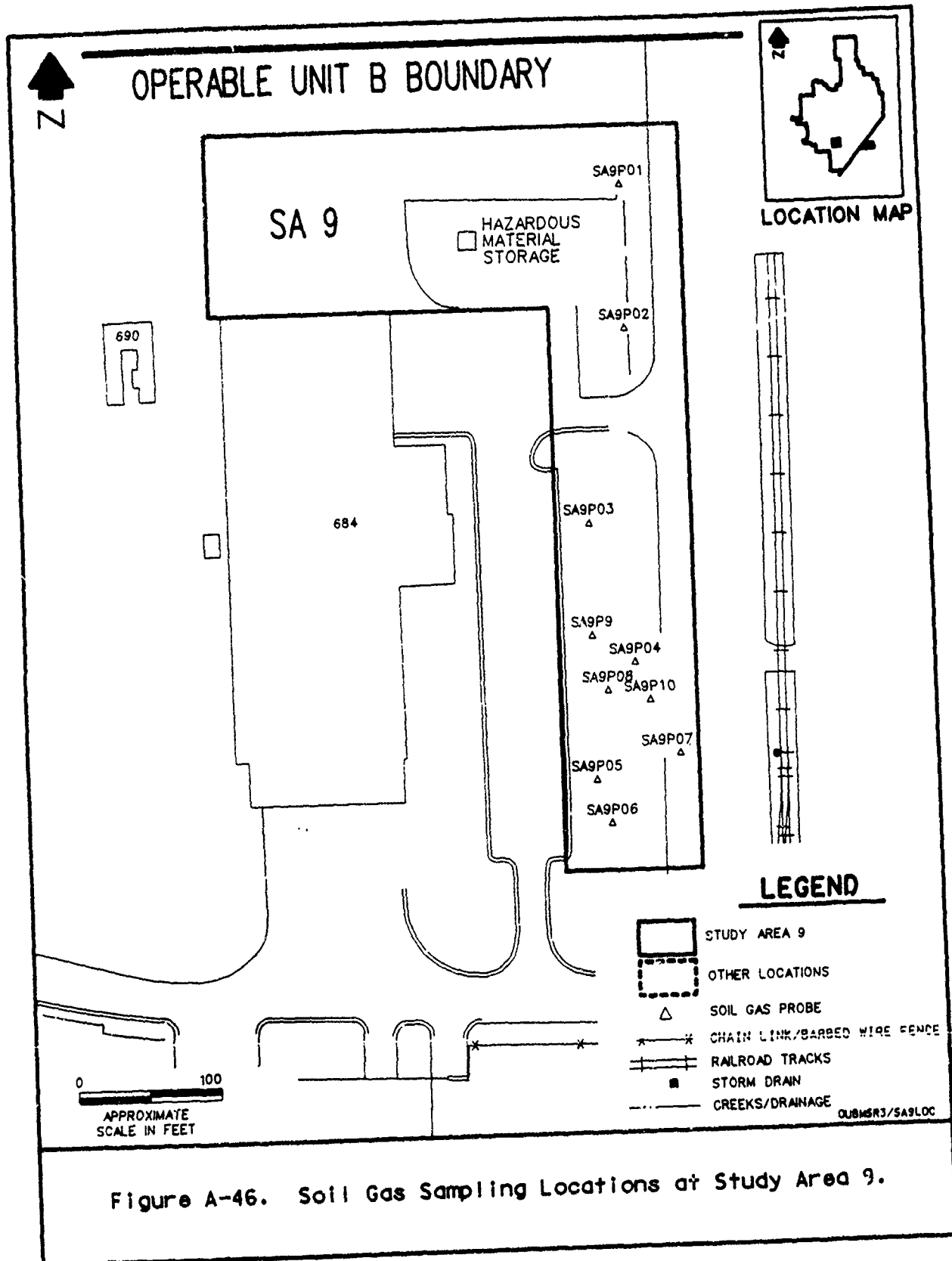


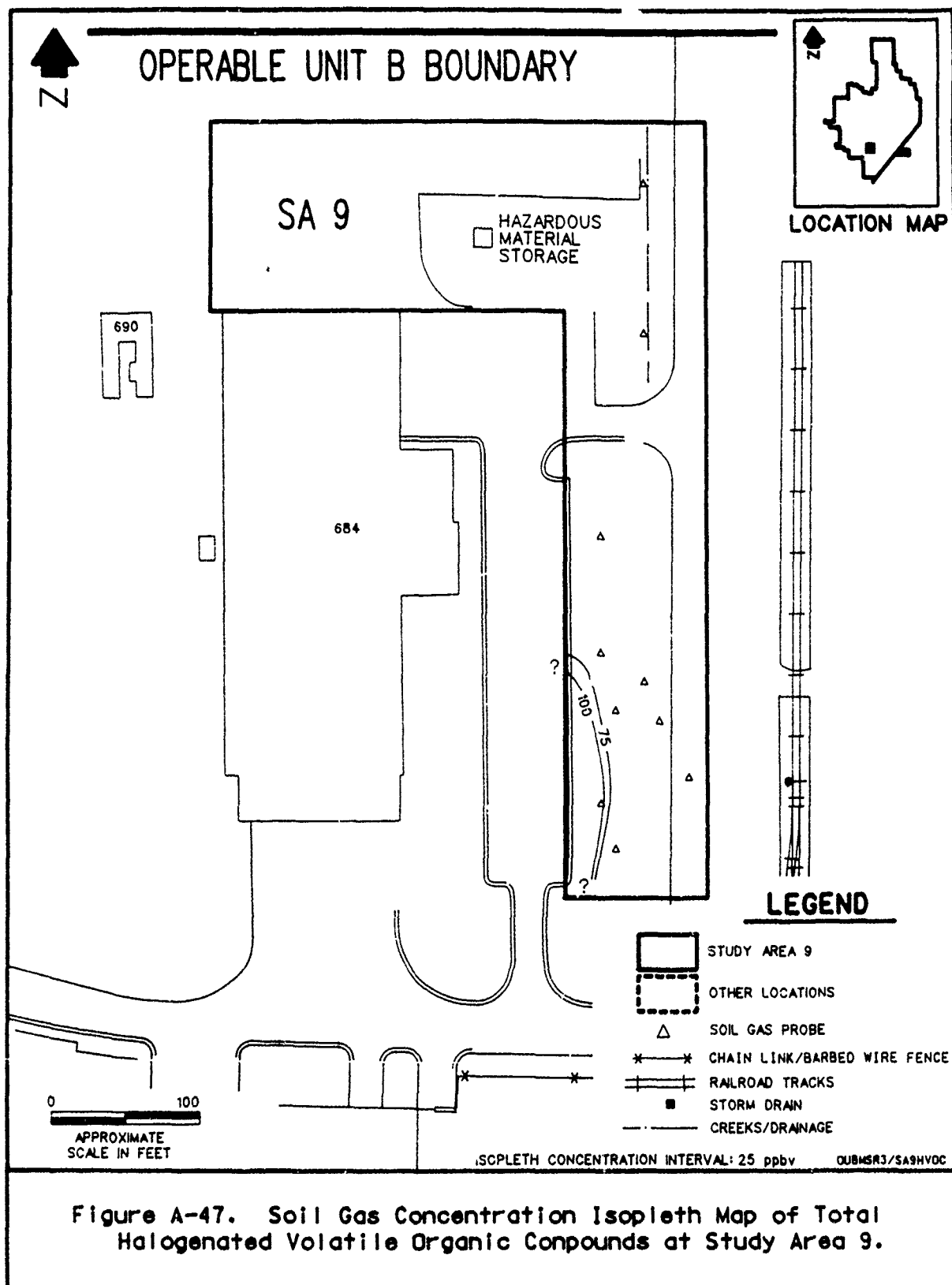


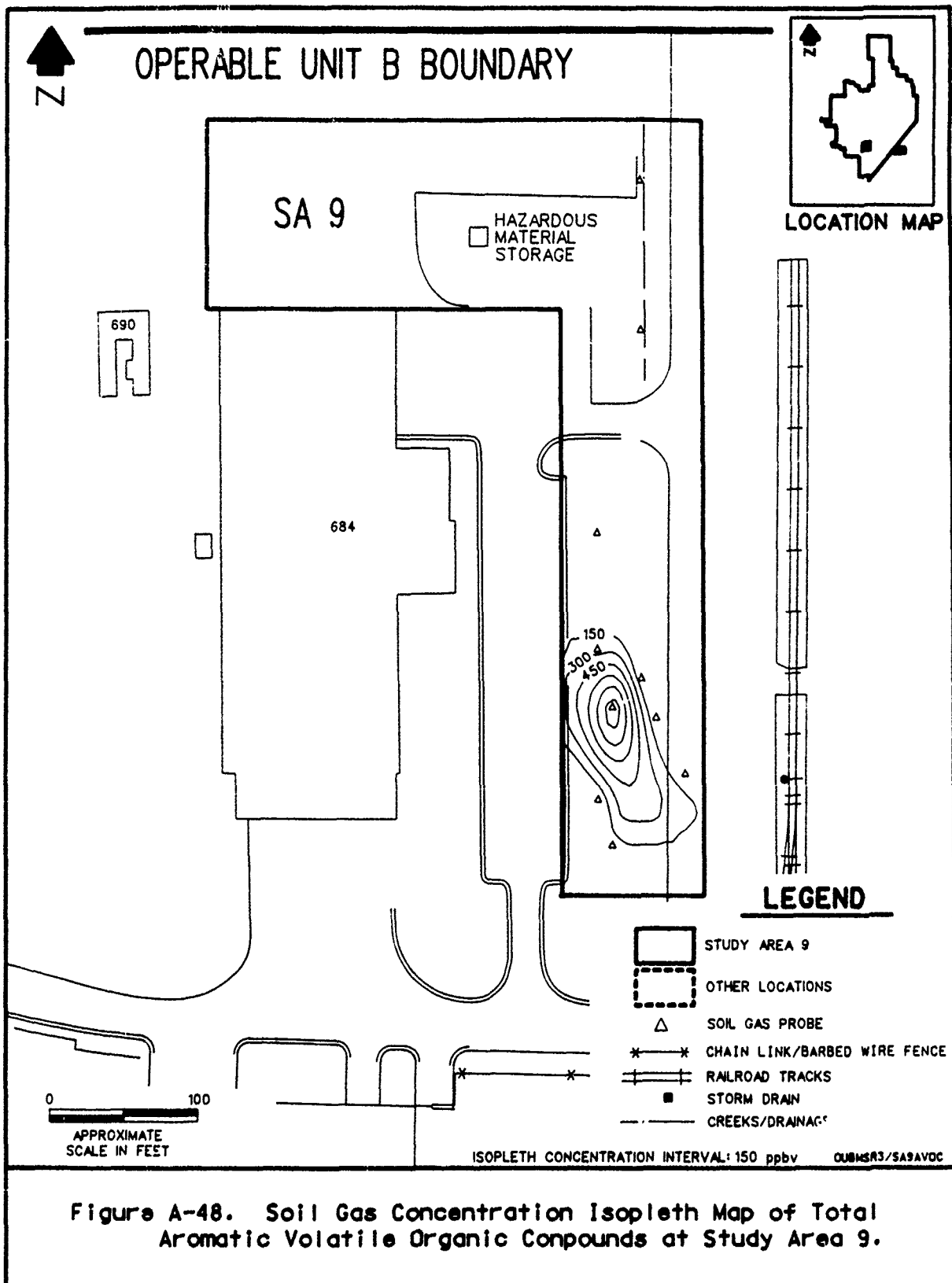


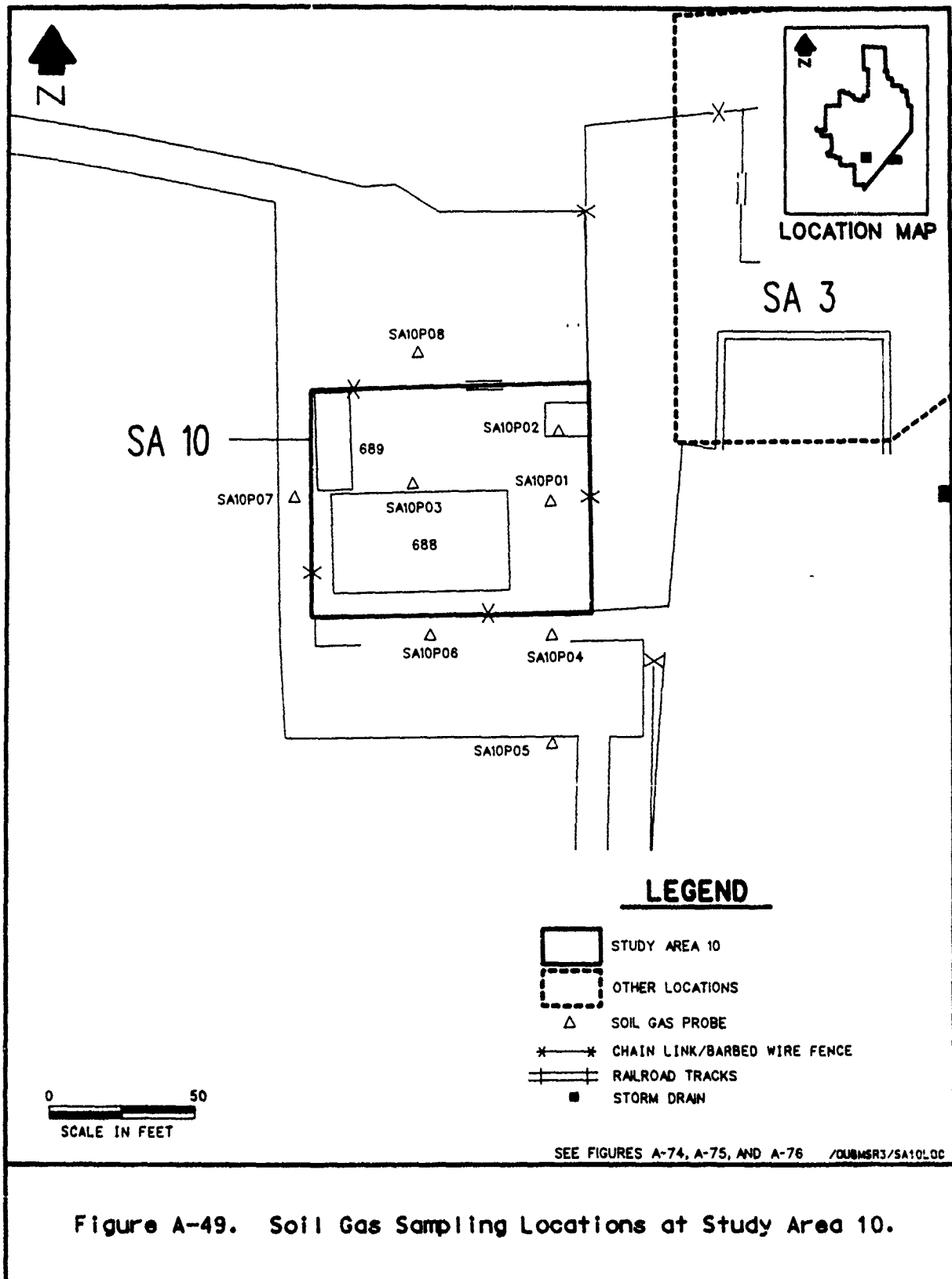












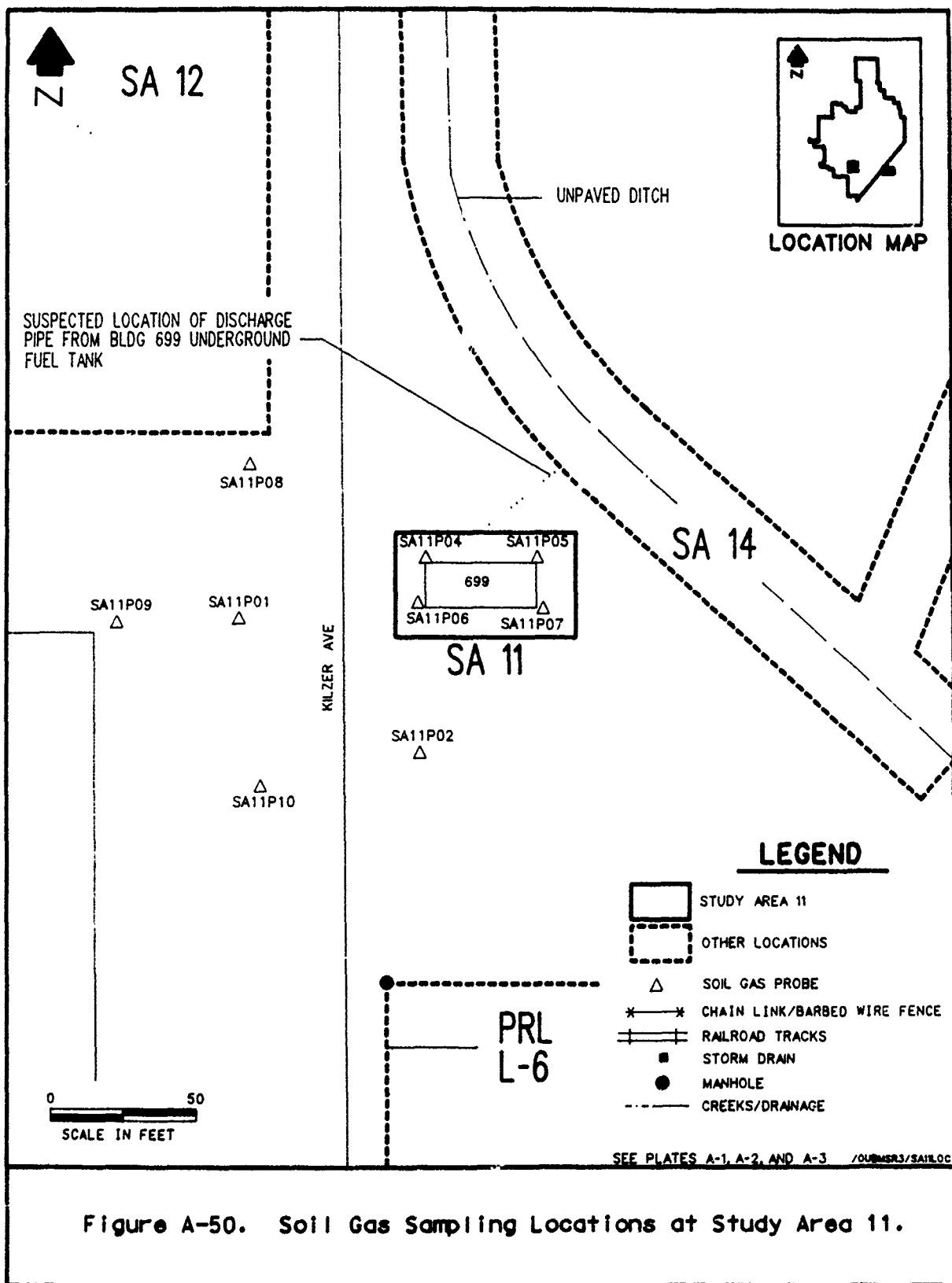
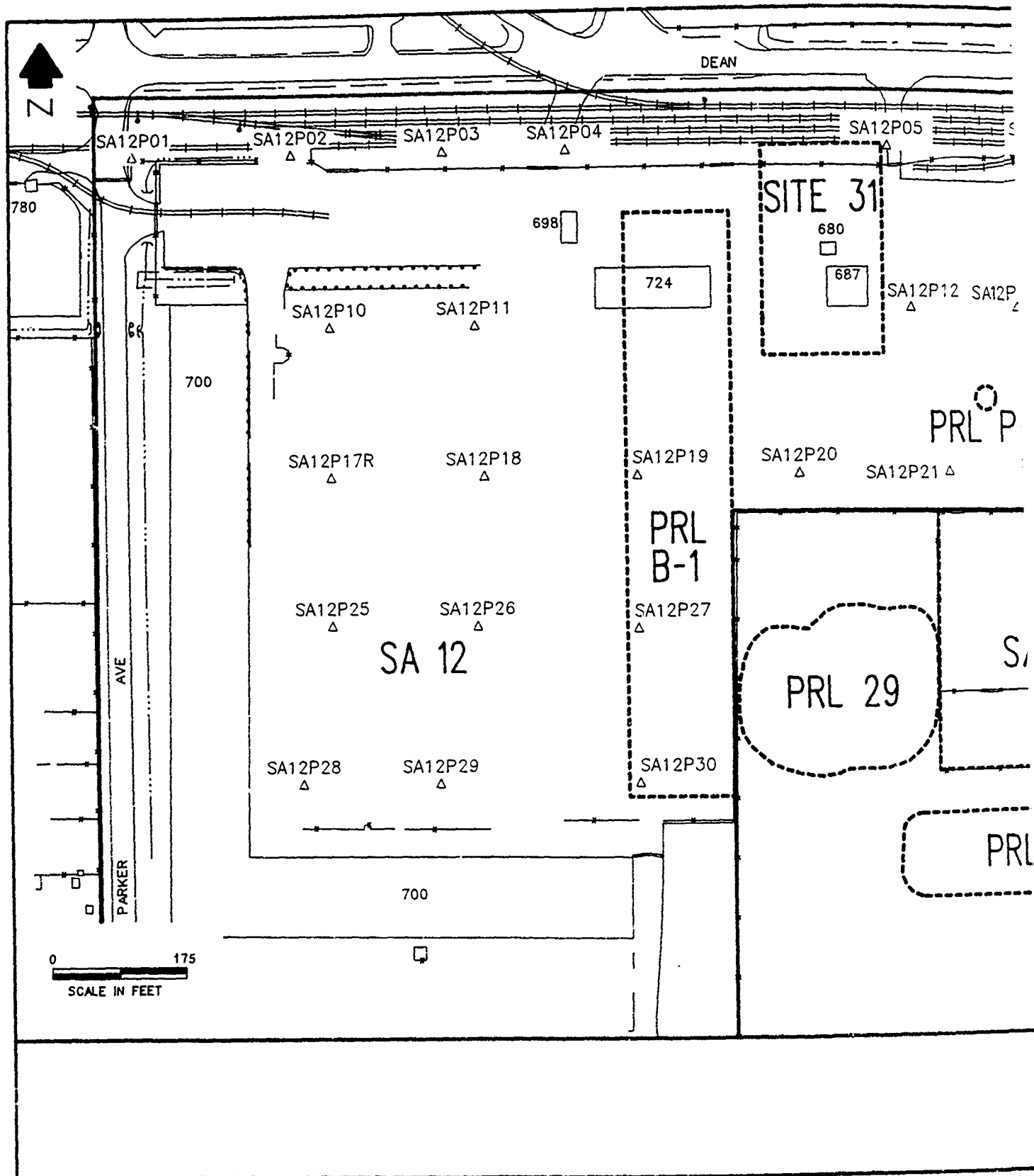


Figure A-50. Soil Gas Sampling Locations at Study Area 11.



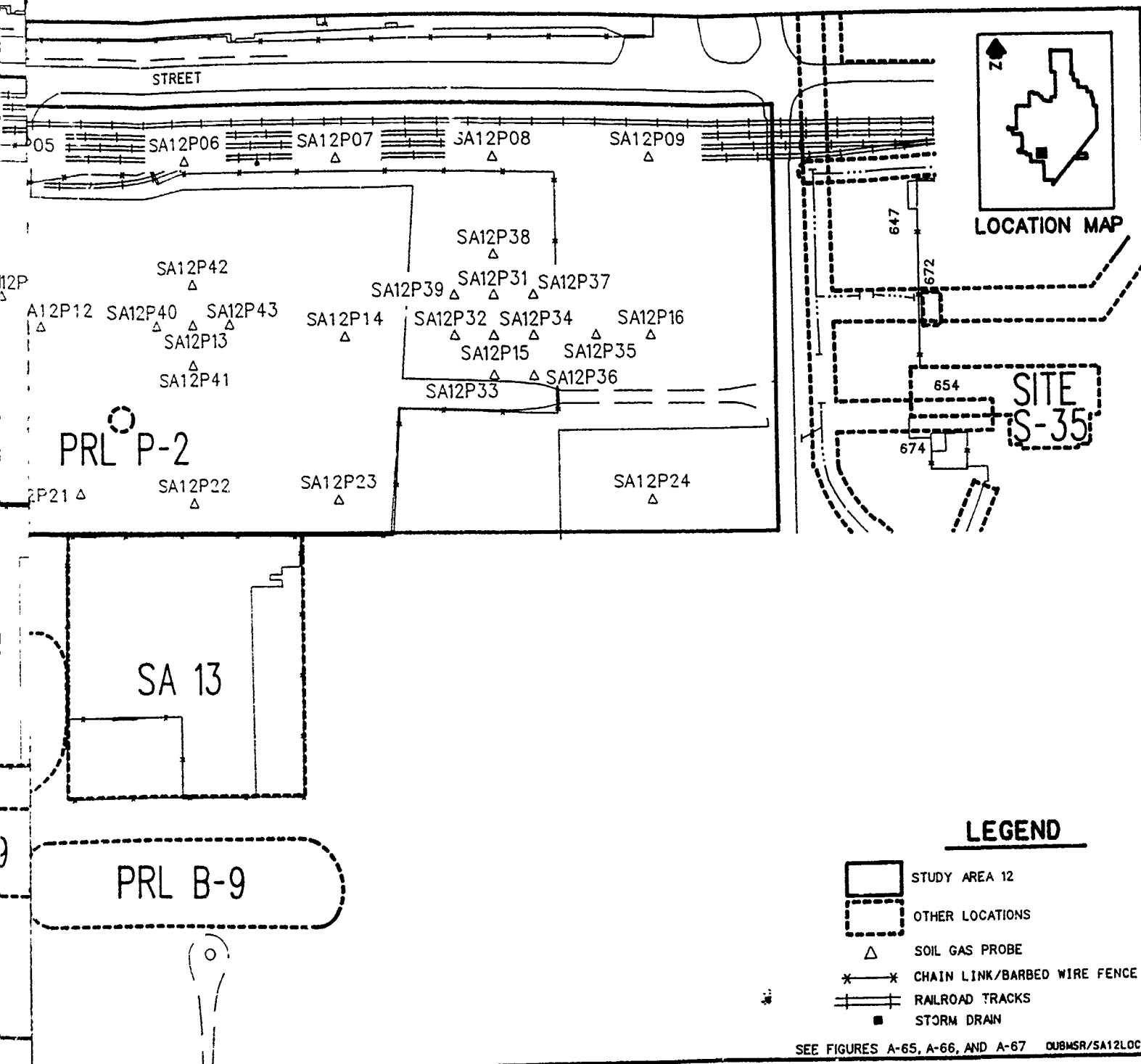
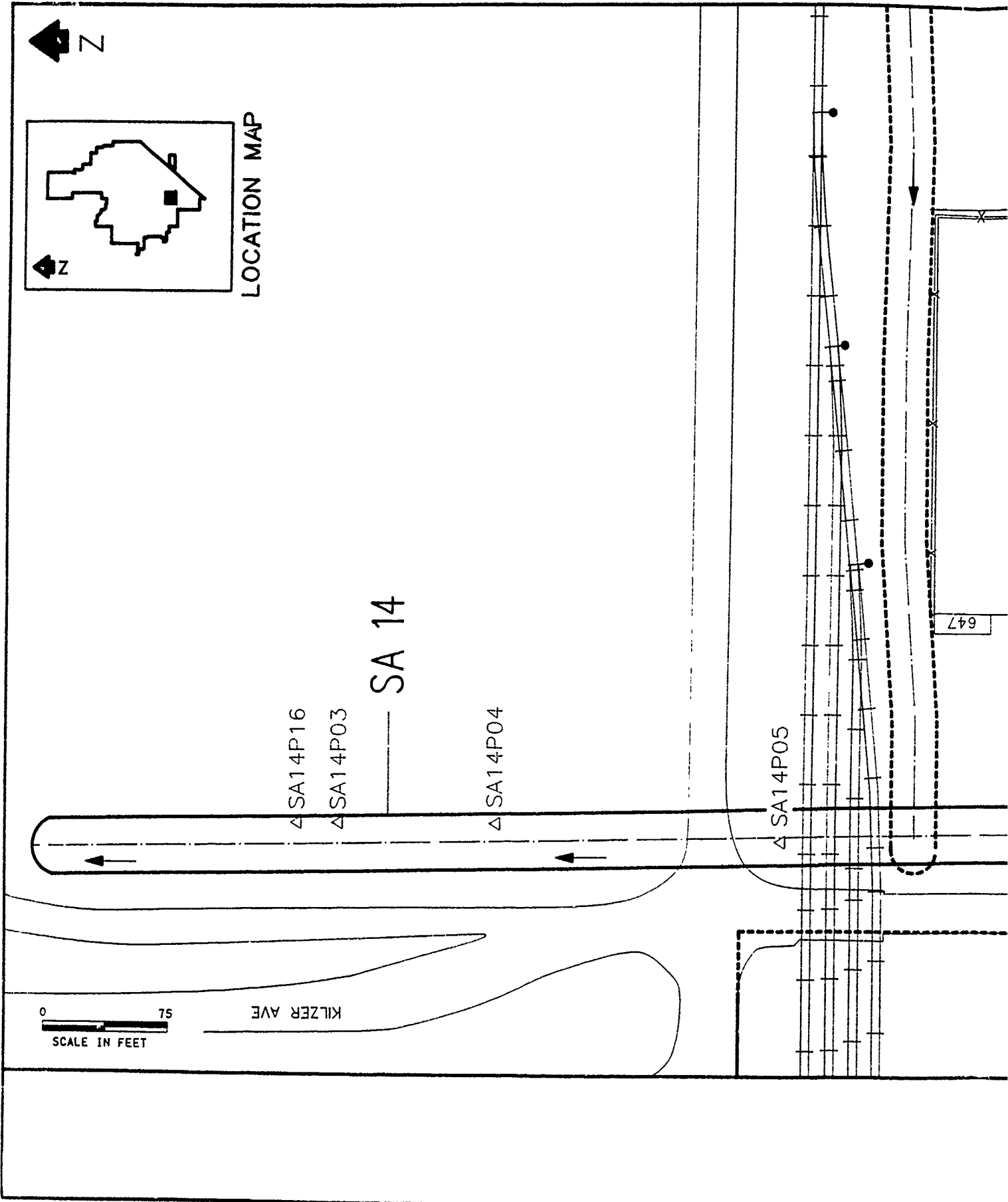
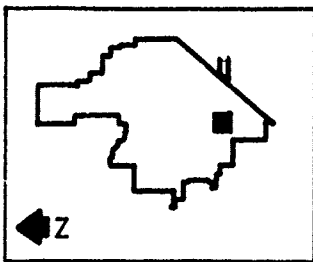


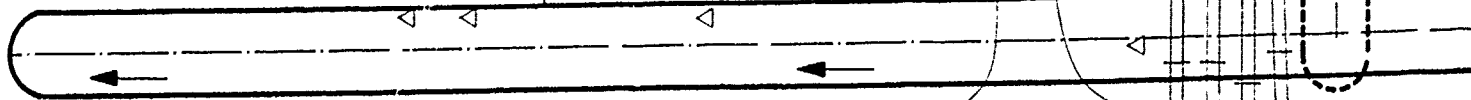
Figure A-51. Soil Gas Sampling Locations at Study Area 12.





LOCATION MAP

SA 14



0 75
SCALE IN FEET

KILZER AVE

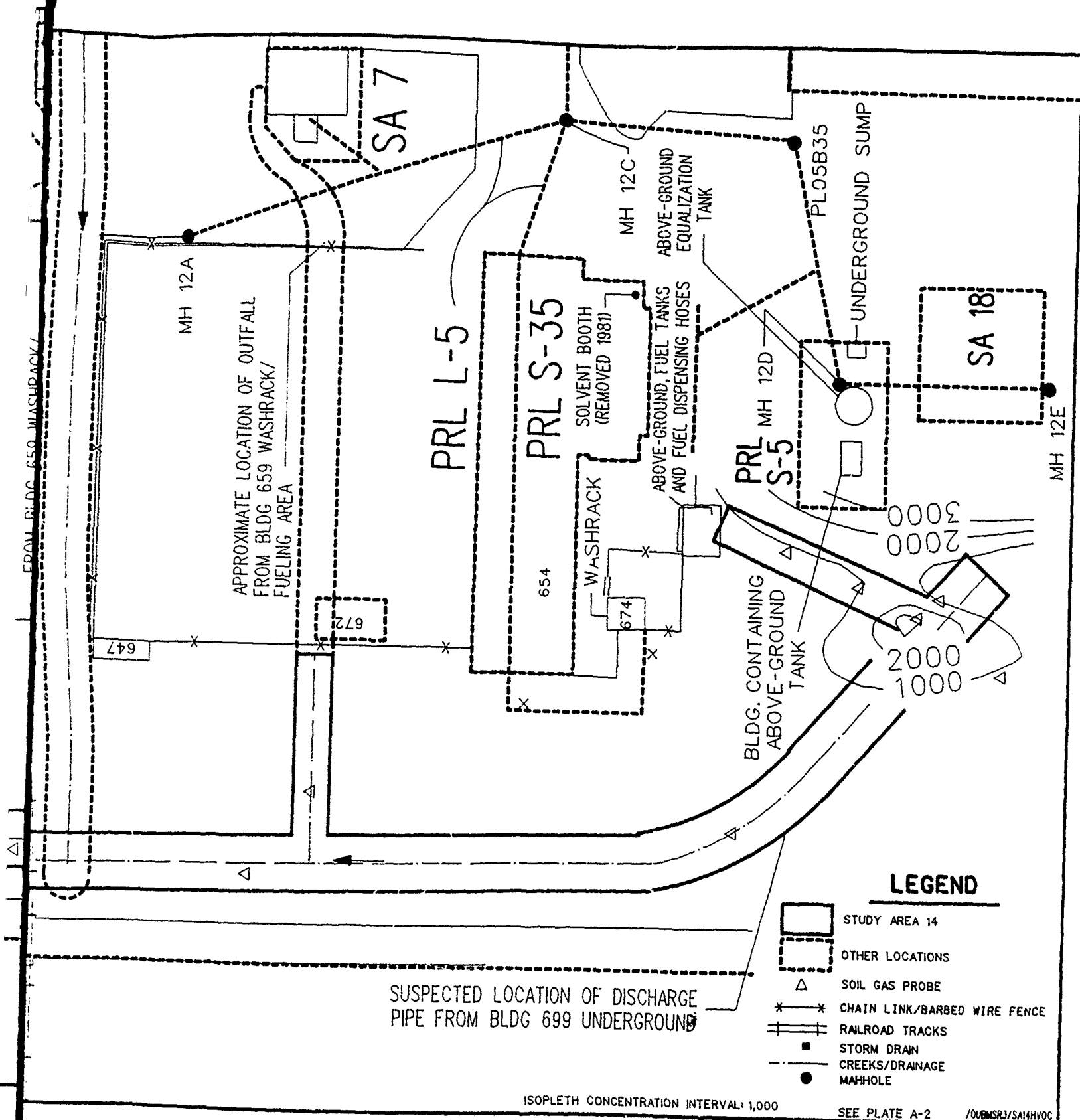
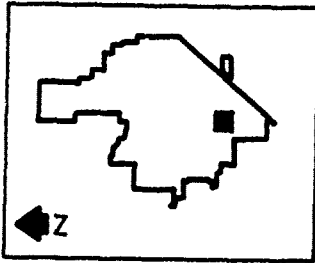


Figure A-53. Soil Gas Concentration Isopleth Map of Total Halogenated Volatile Organic Compounds at Study Area 14.



LOCATION MAP

SA 14



0 75
SCALE IN FEET

KILZER AVE

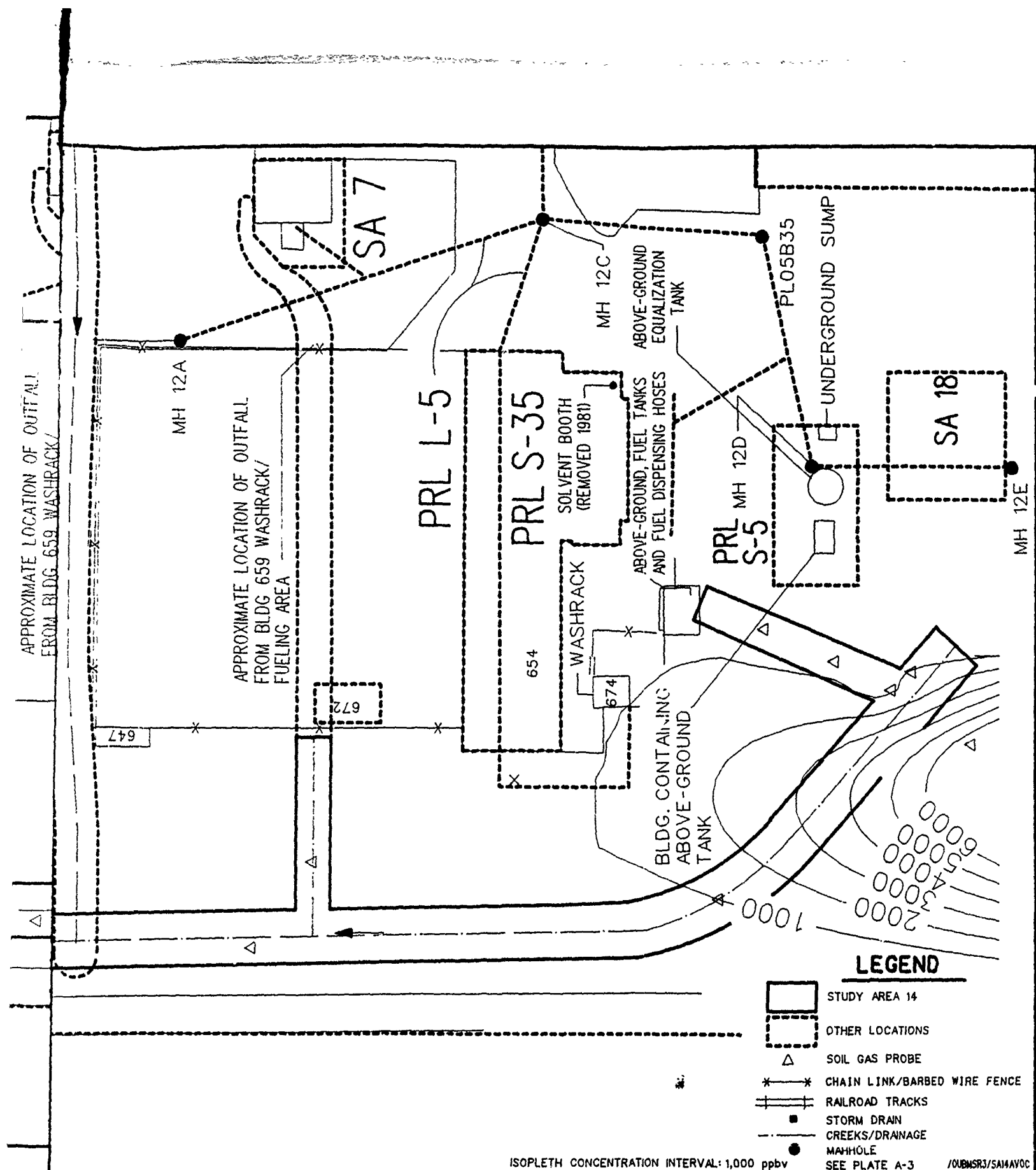
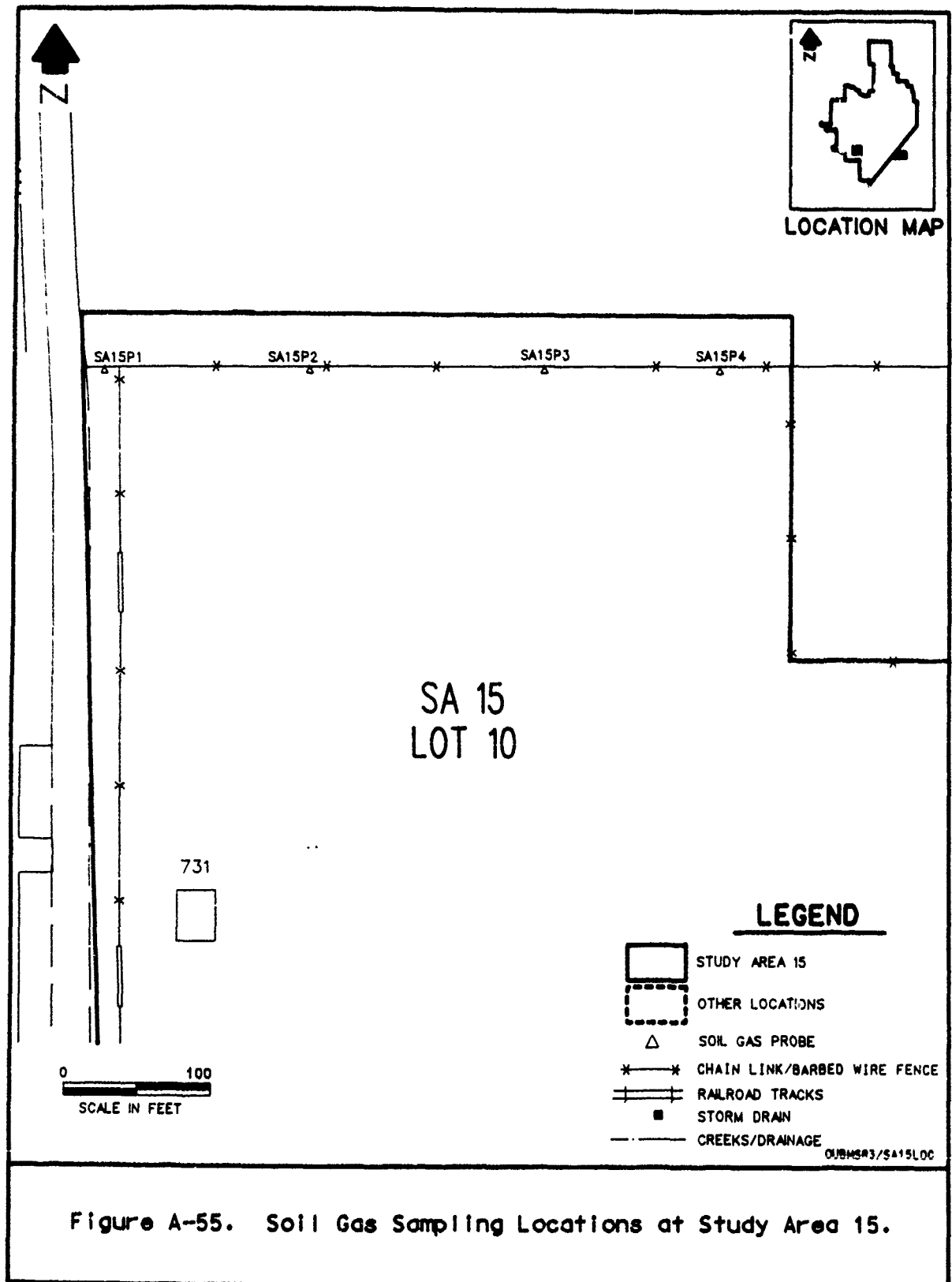
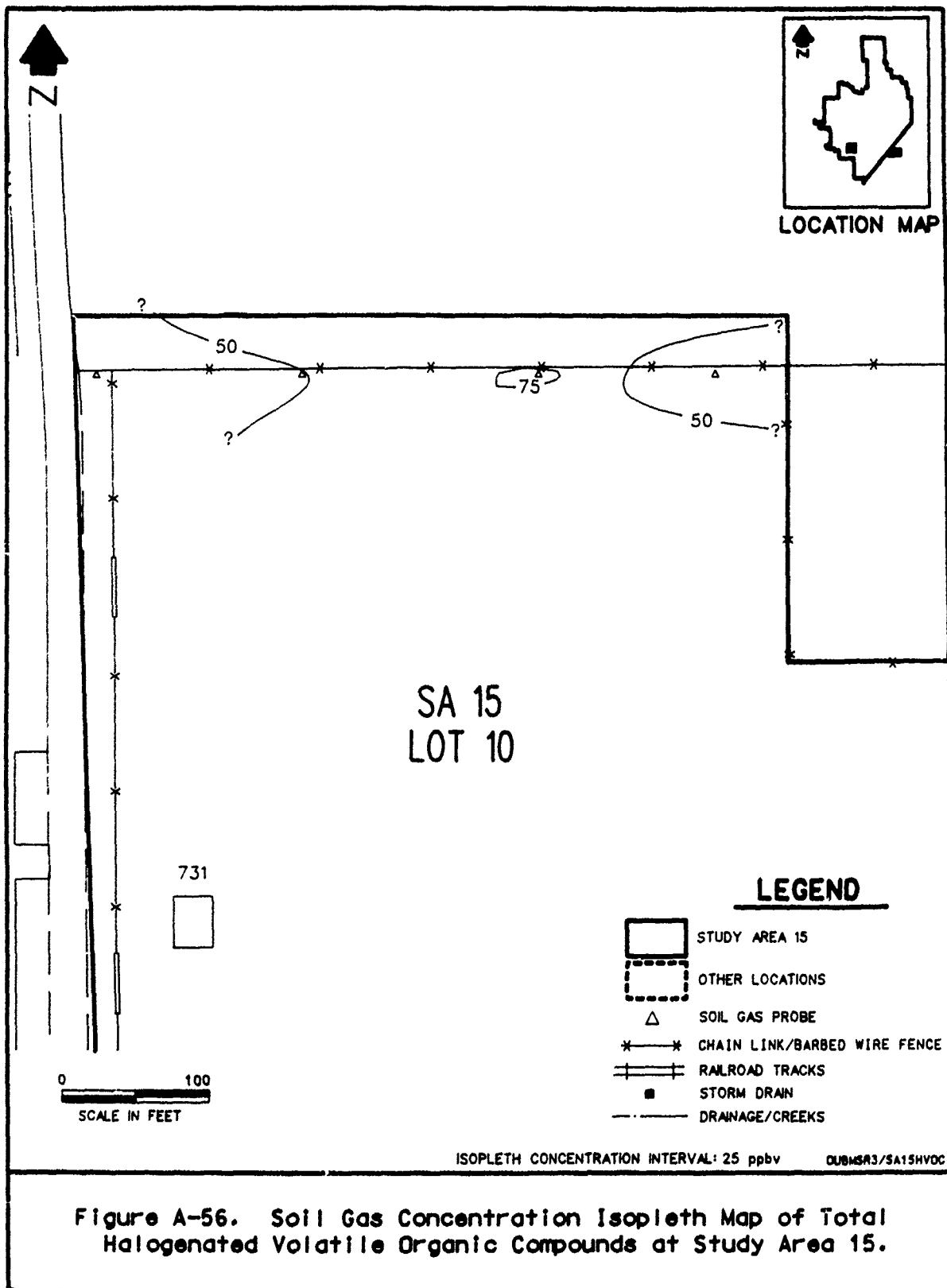
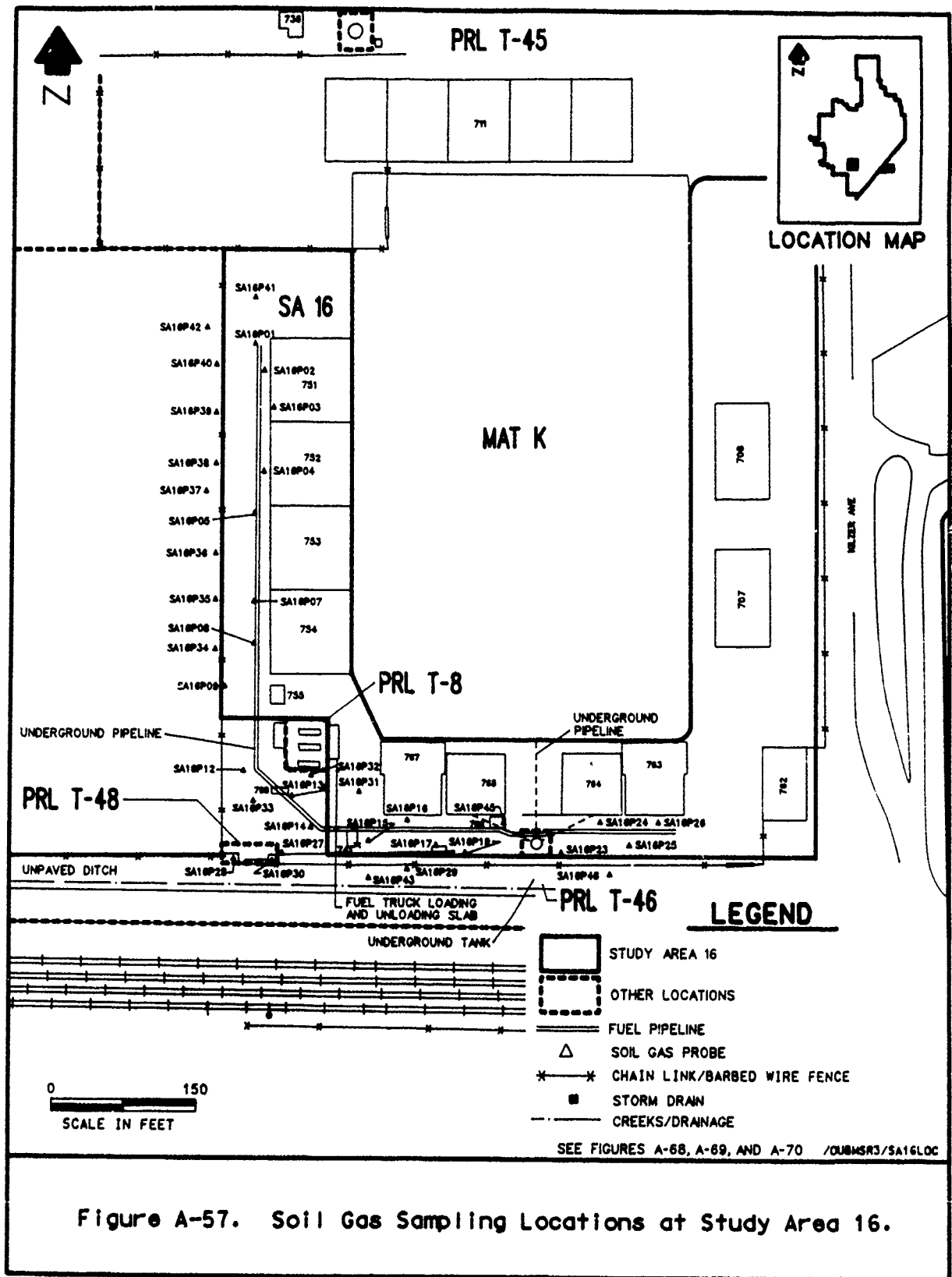
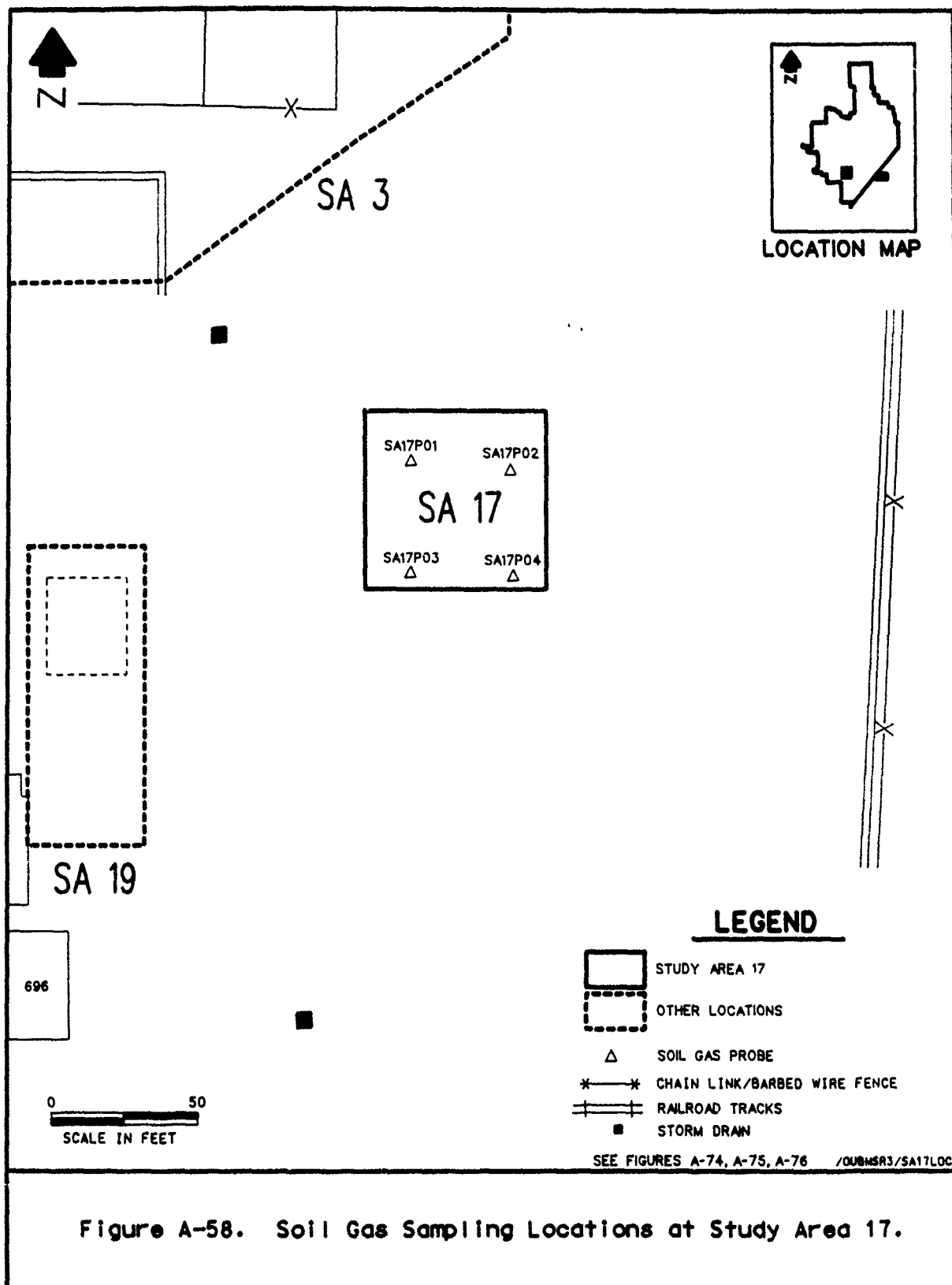


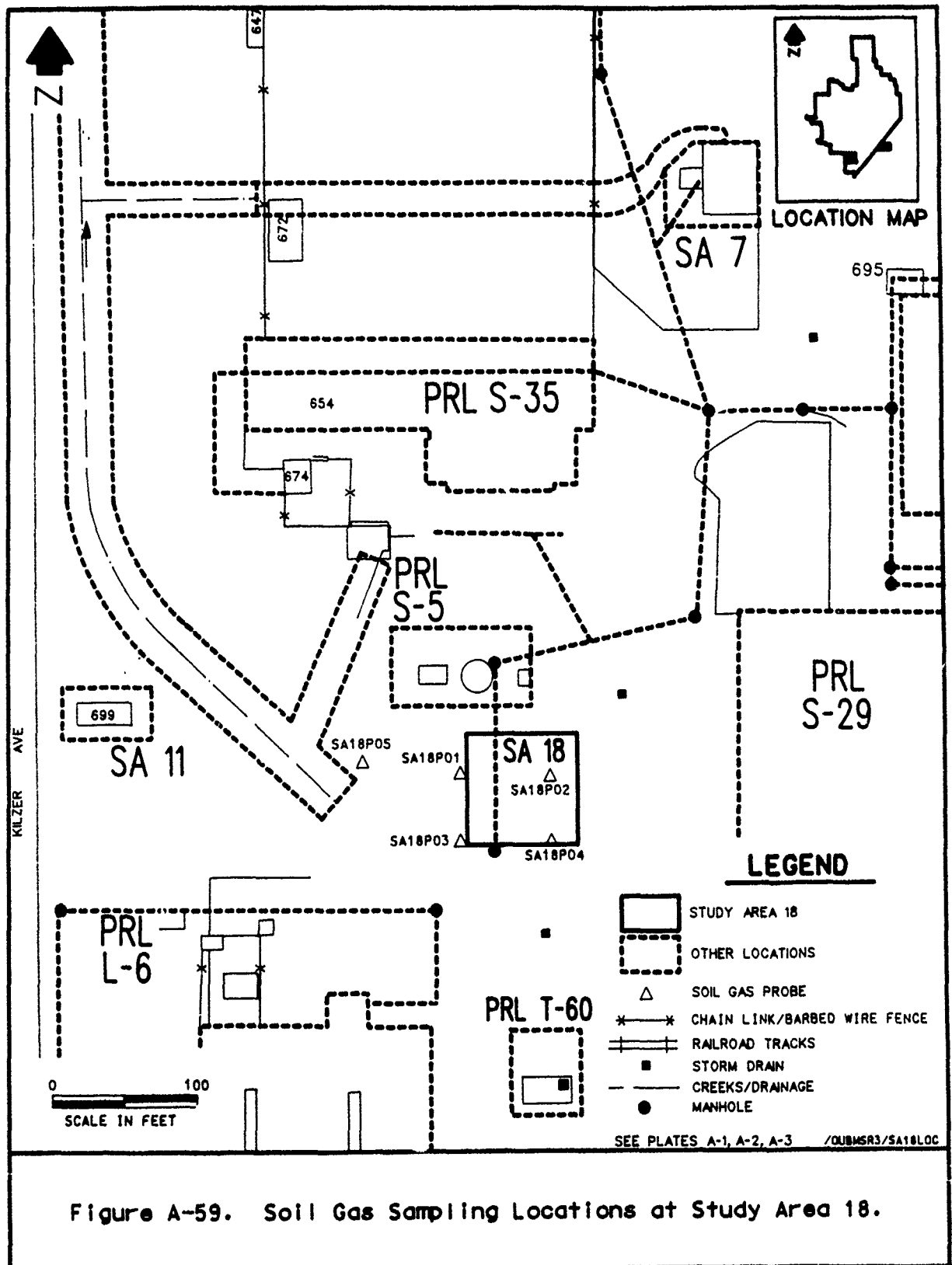
Figure A-54. Soil Gas Concentration Isopleth Map of Total Aromatic Volatile Organic Compounds at Study Area 14.











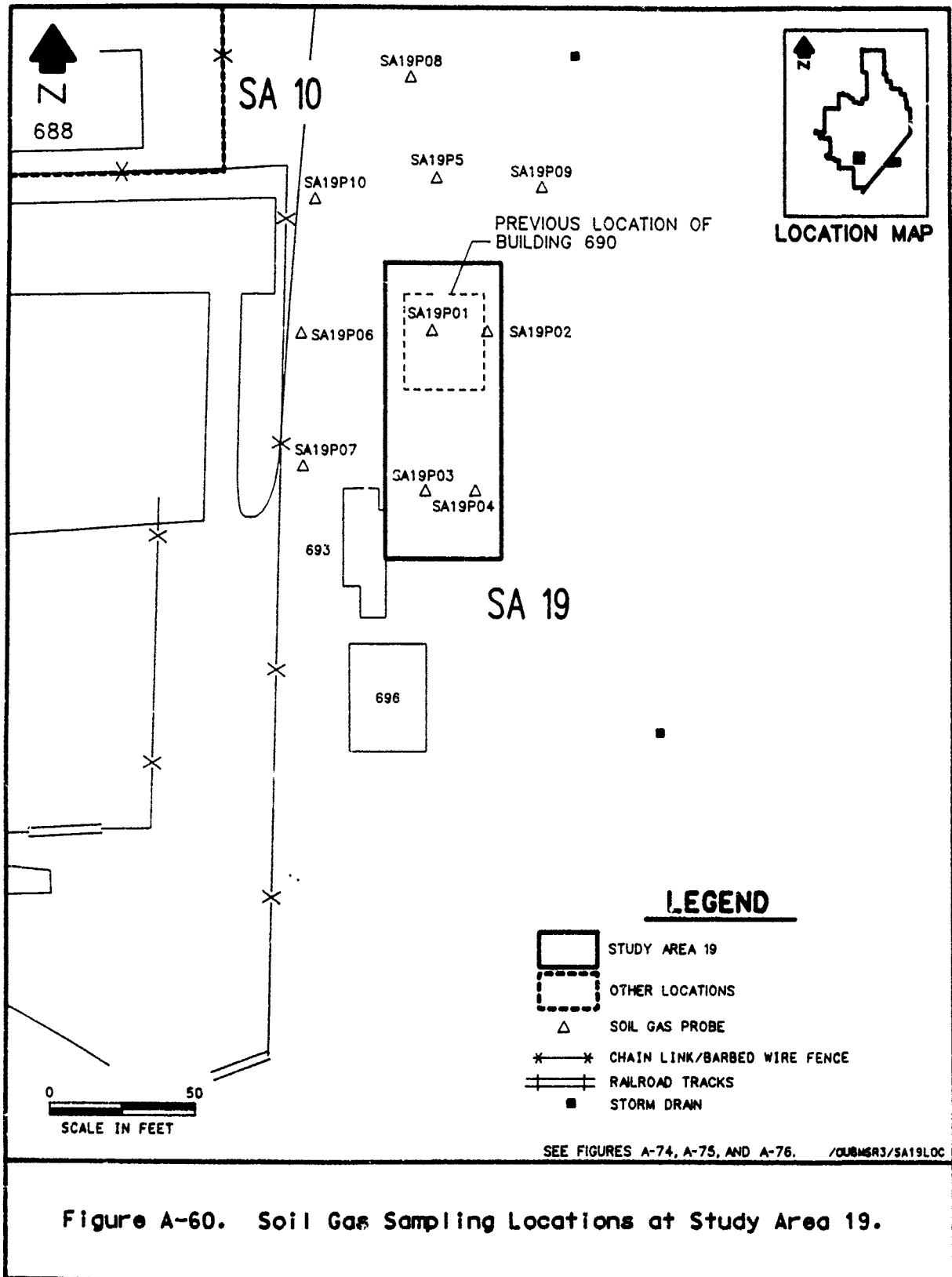
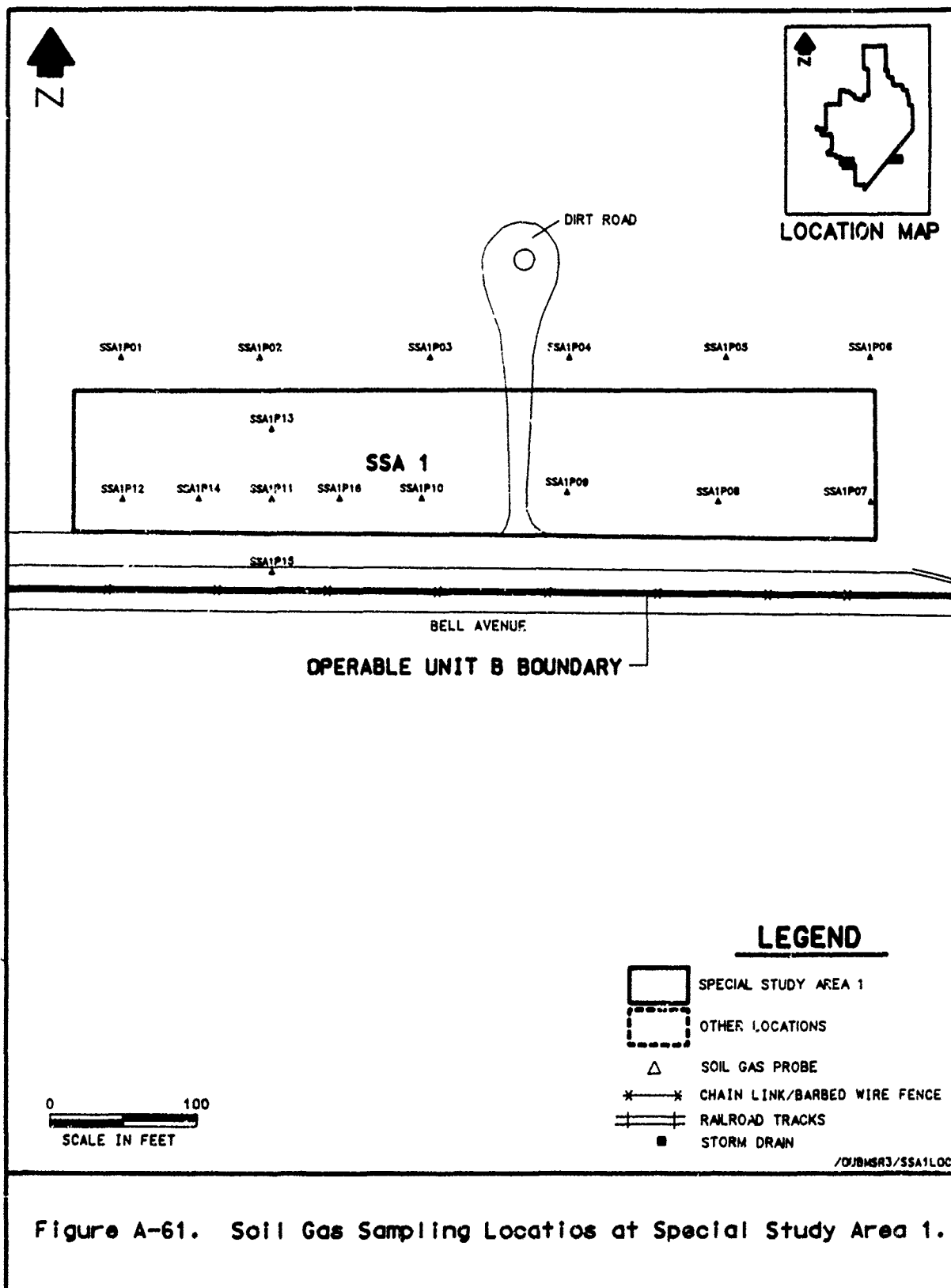
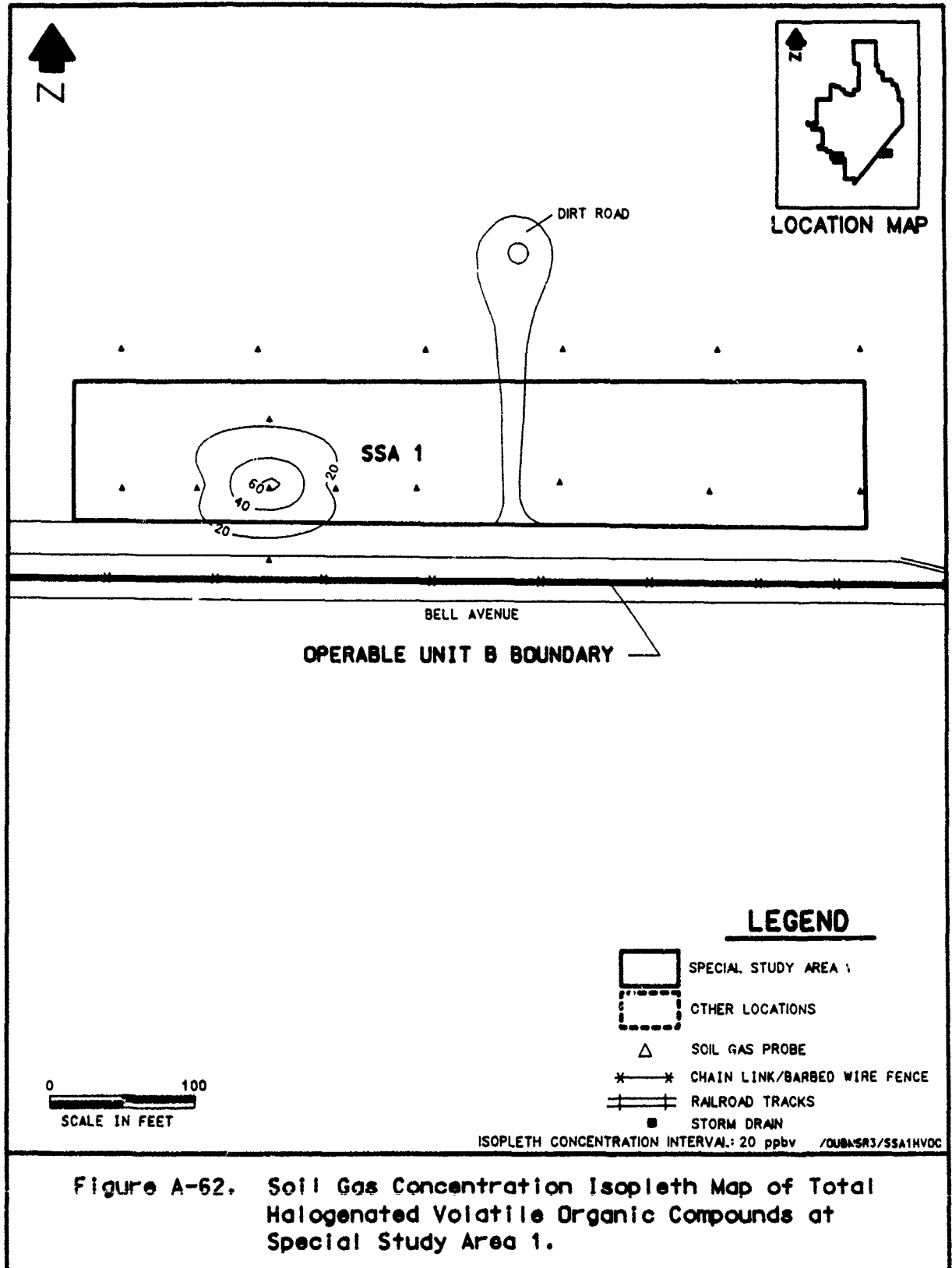


Figure A-60. Soil Gas Sampling Locations at Study Area 19.





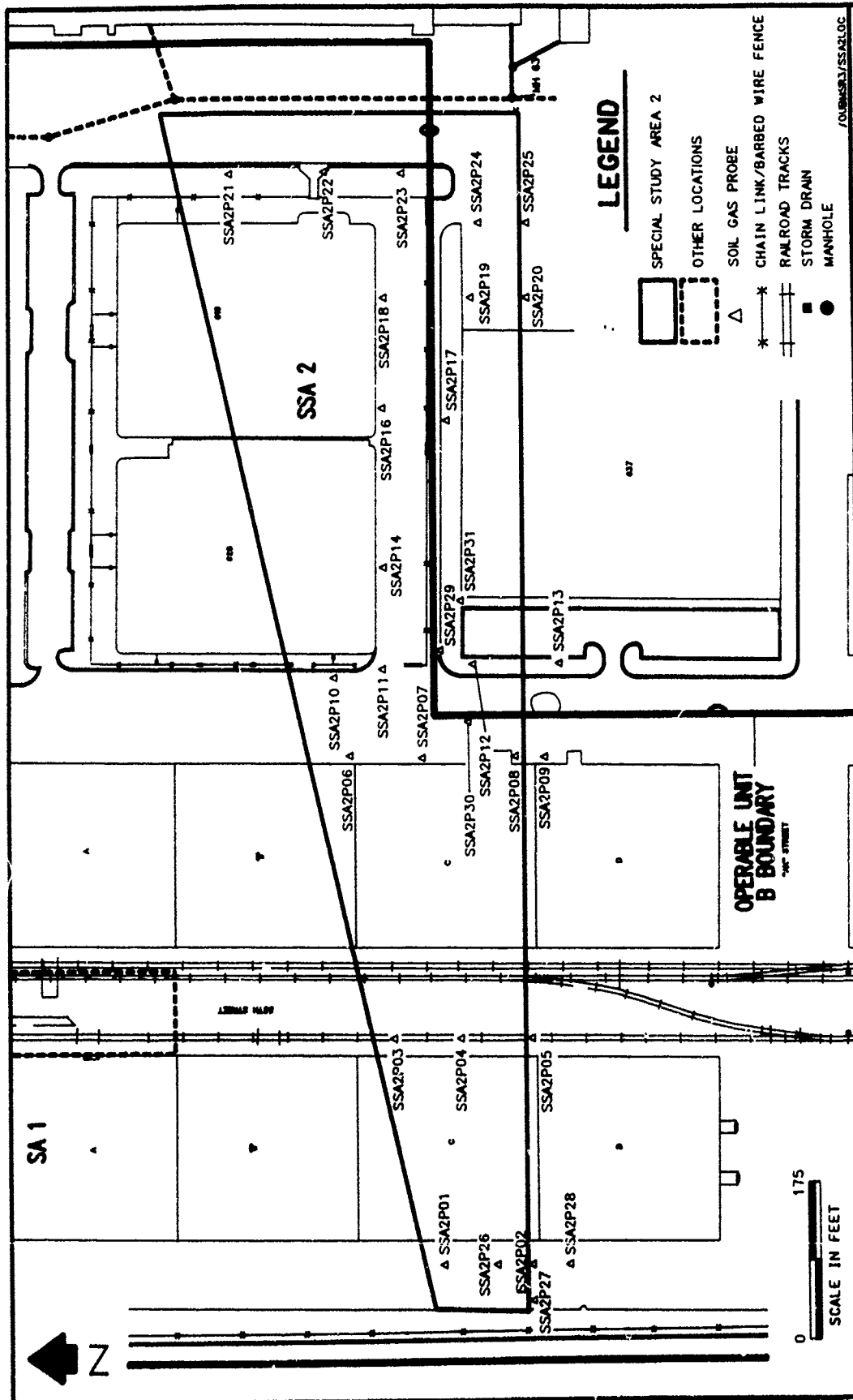
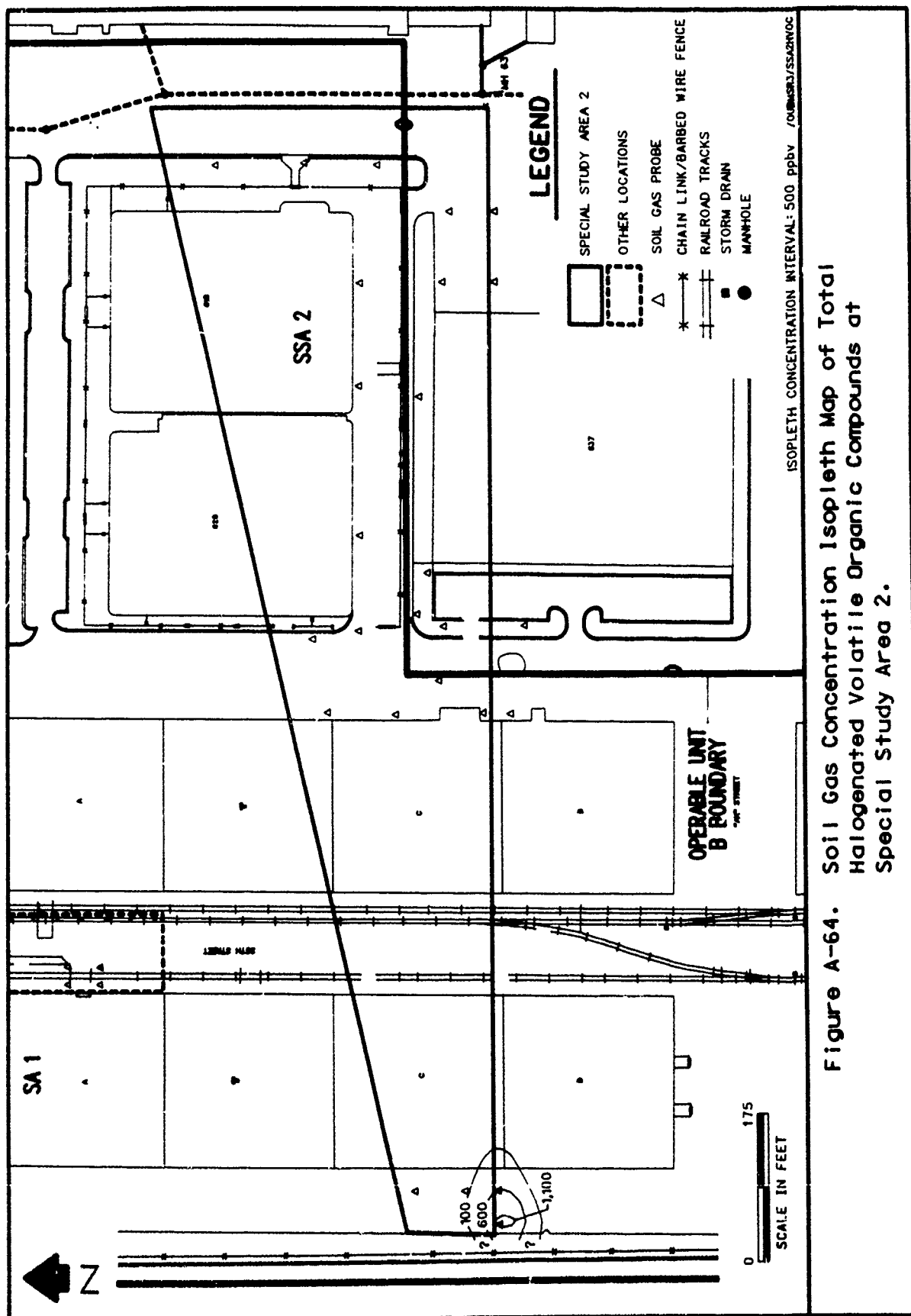
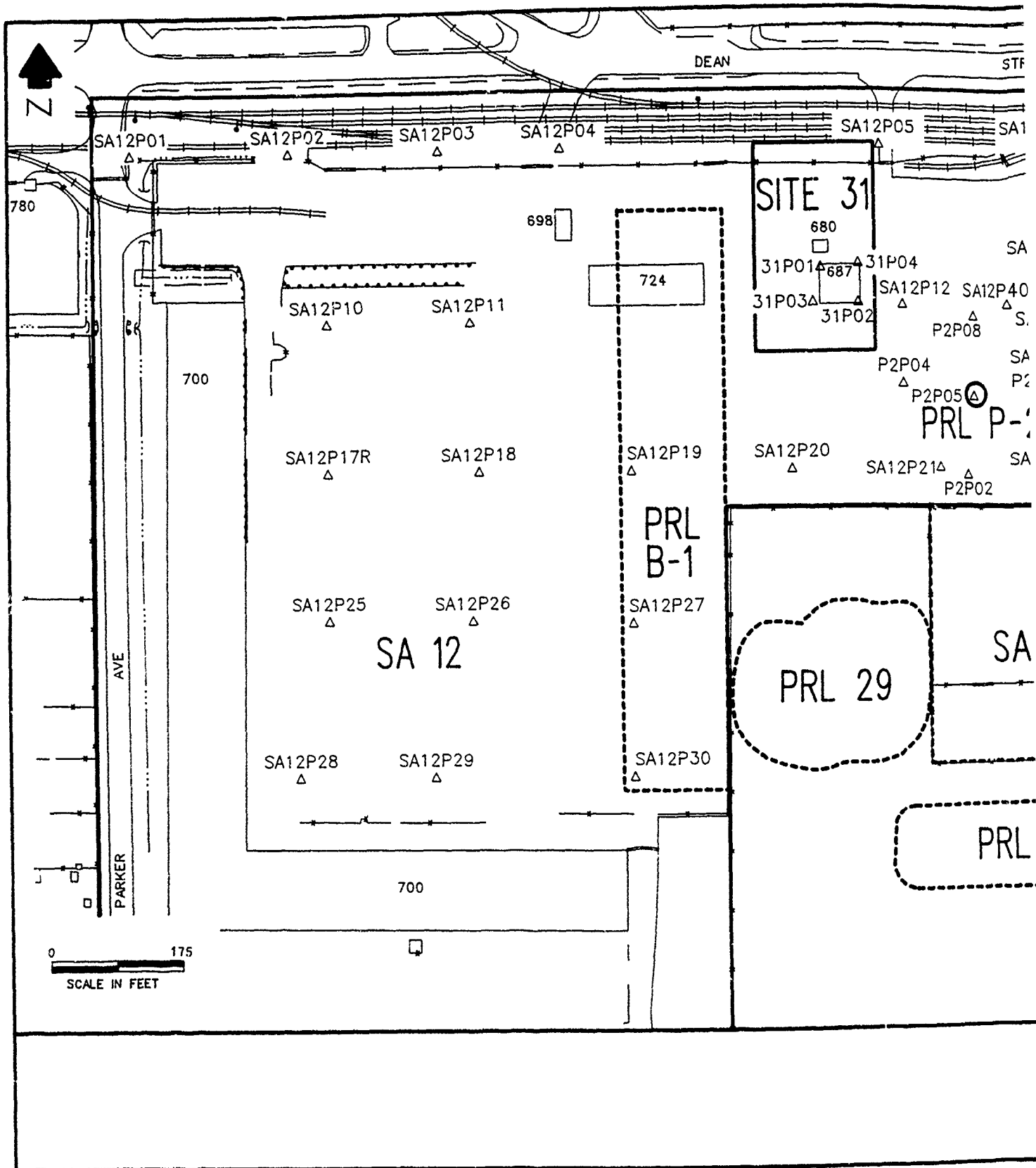


Figure A-63. Soil Gas Sampling Locations at Special Study Area 2.





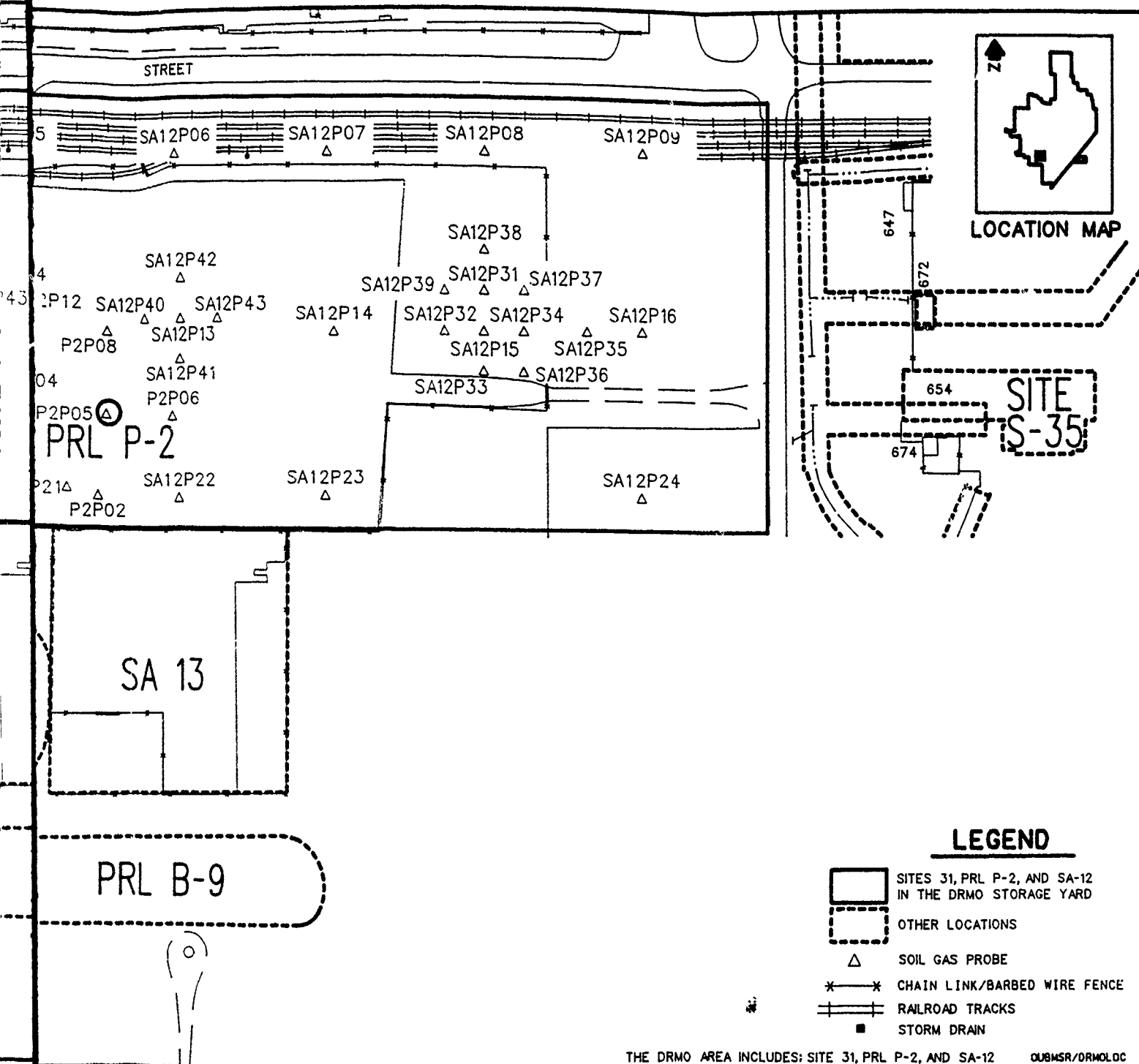
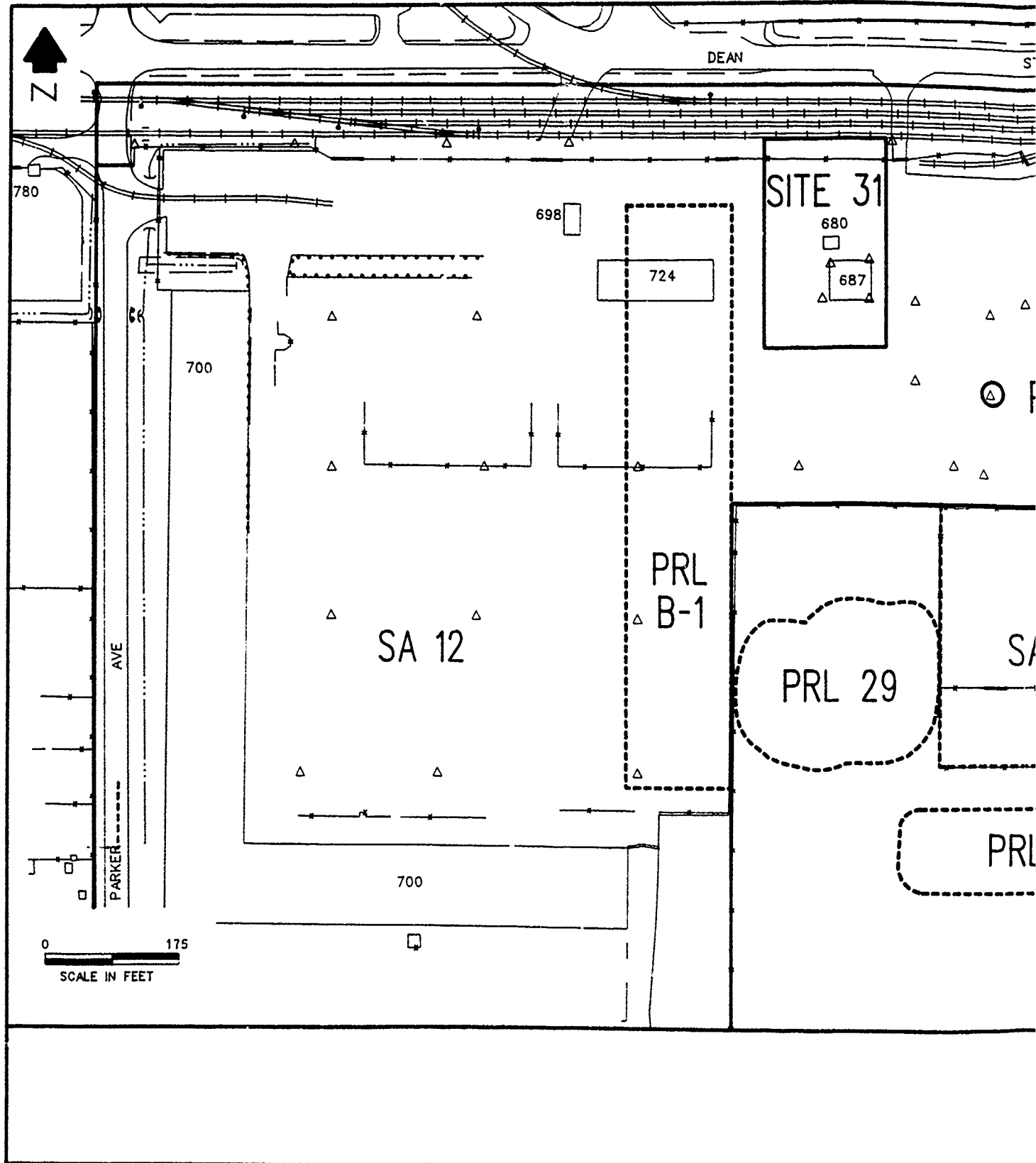


Figure A-65. Soil Gas Sampling Locations at the DRMO Storage Yard.



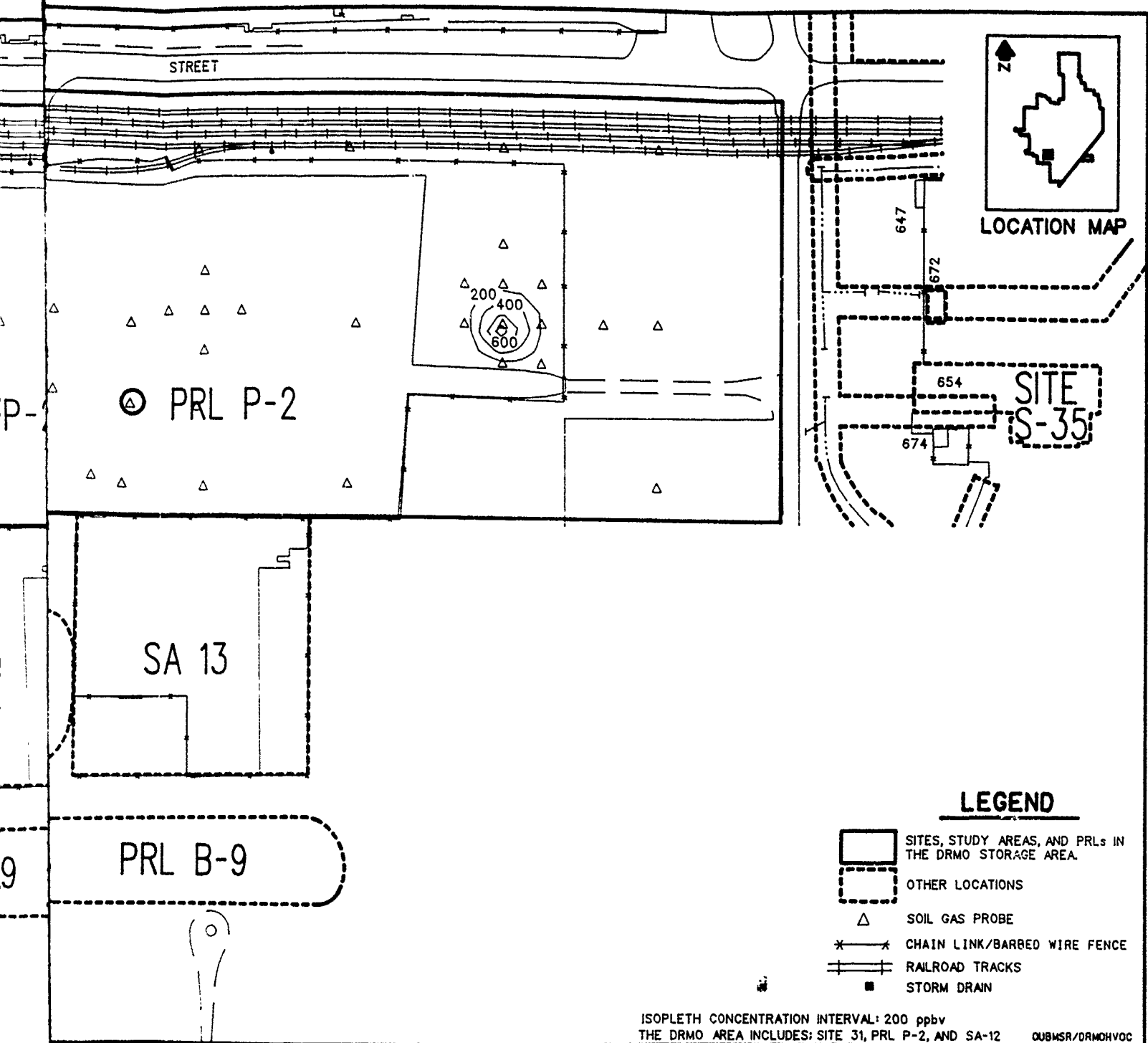
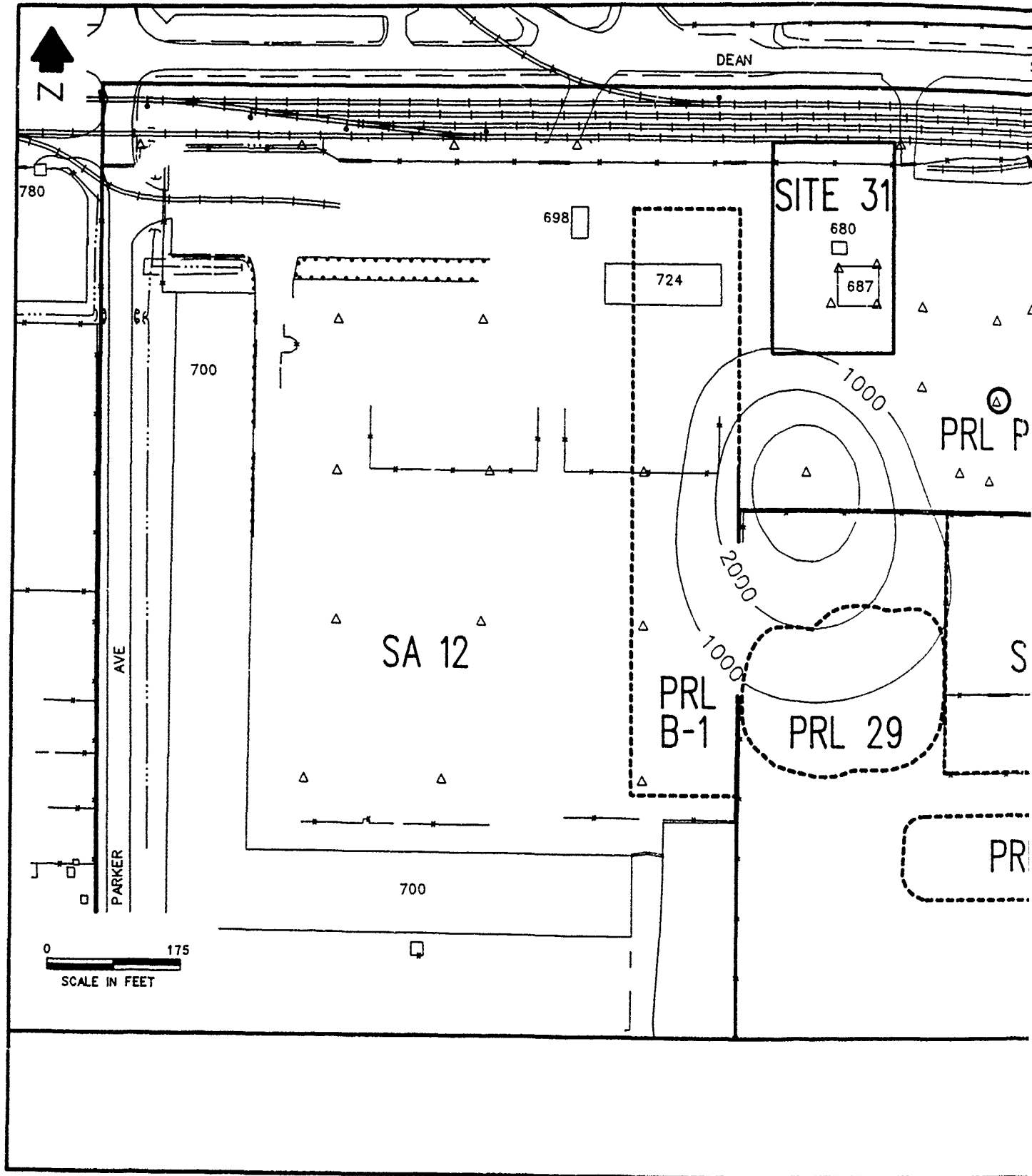


Figure A-66. Soil Gas Concentration Isopleth Map of Total Halogenated Volatile Organic Compounds at the DRMO Storage Yard.



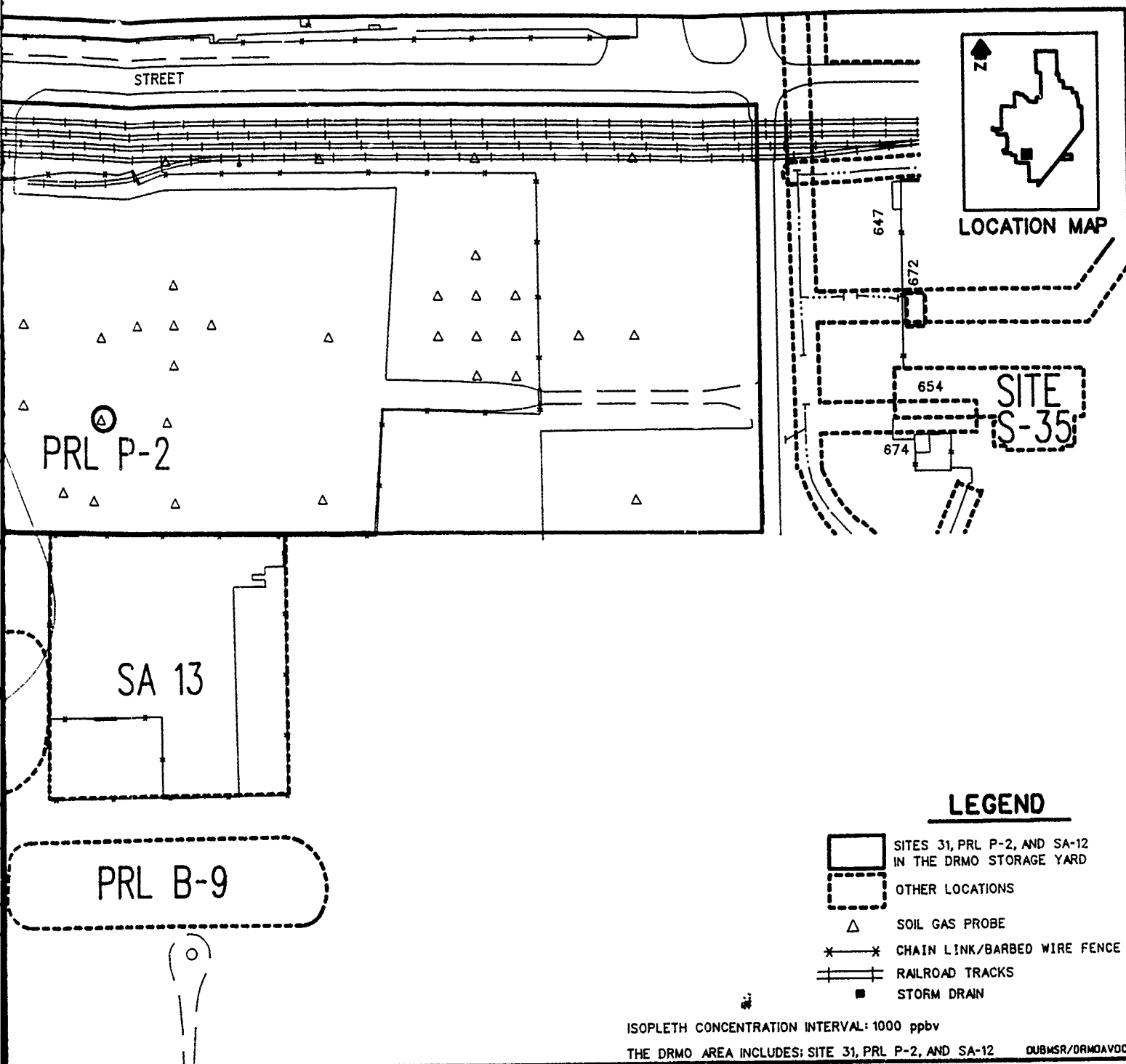
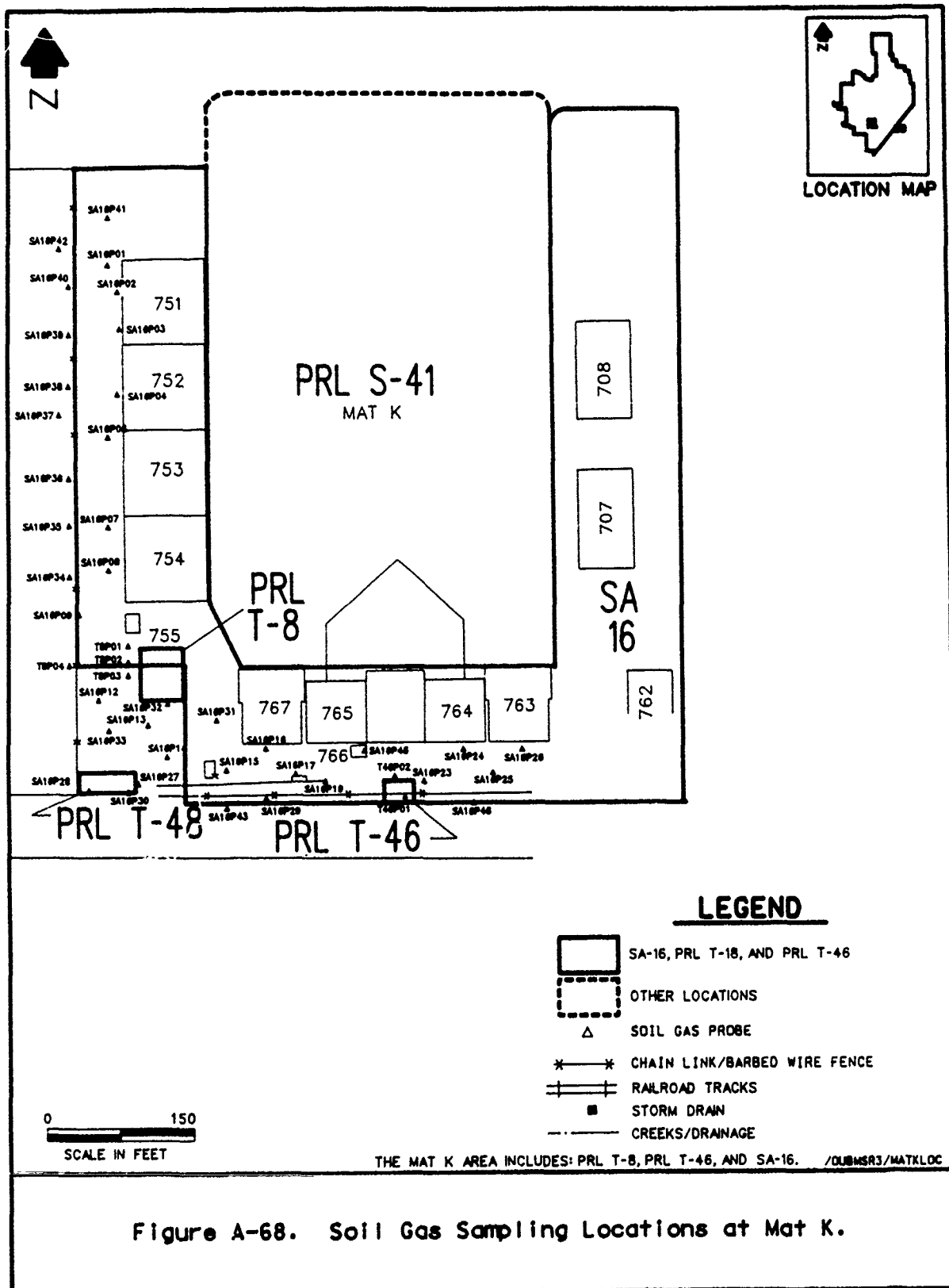
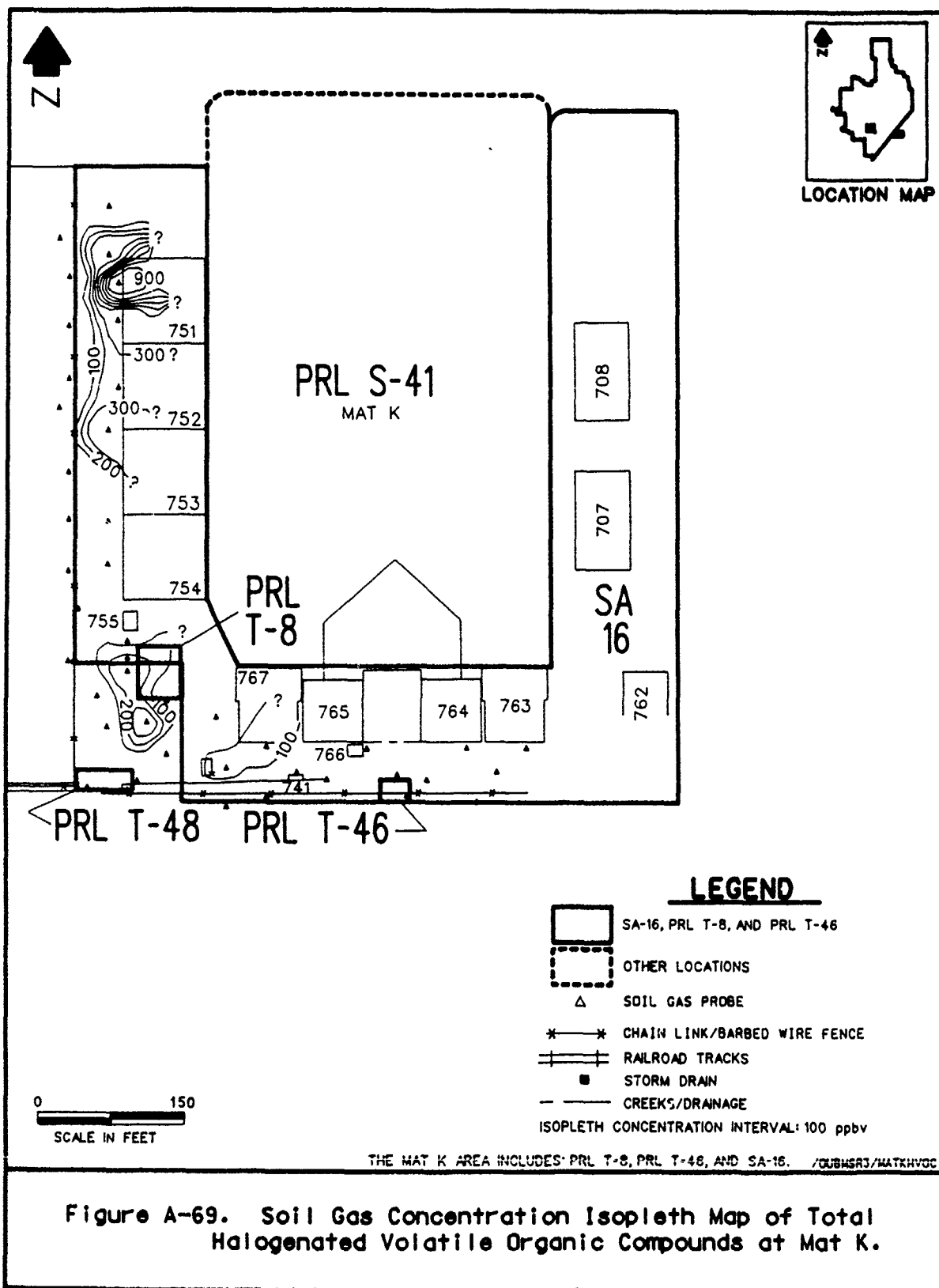
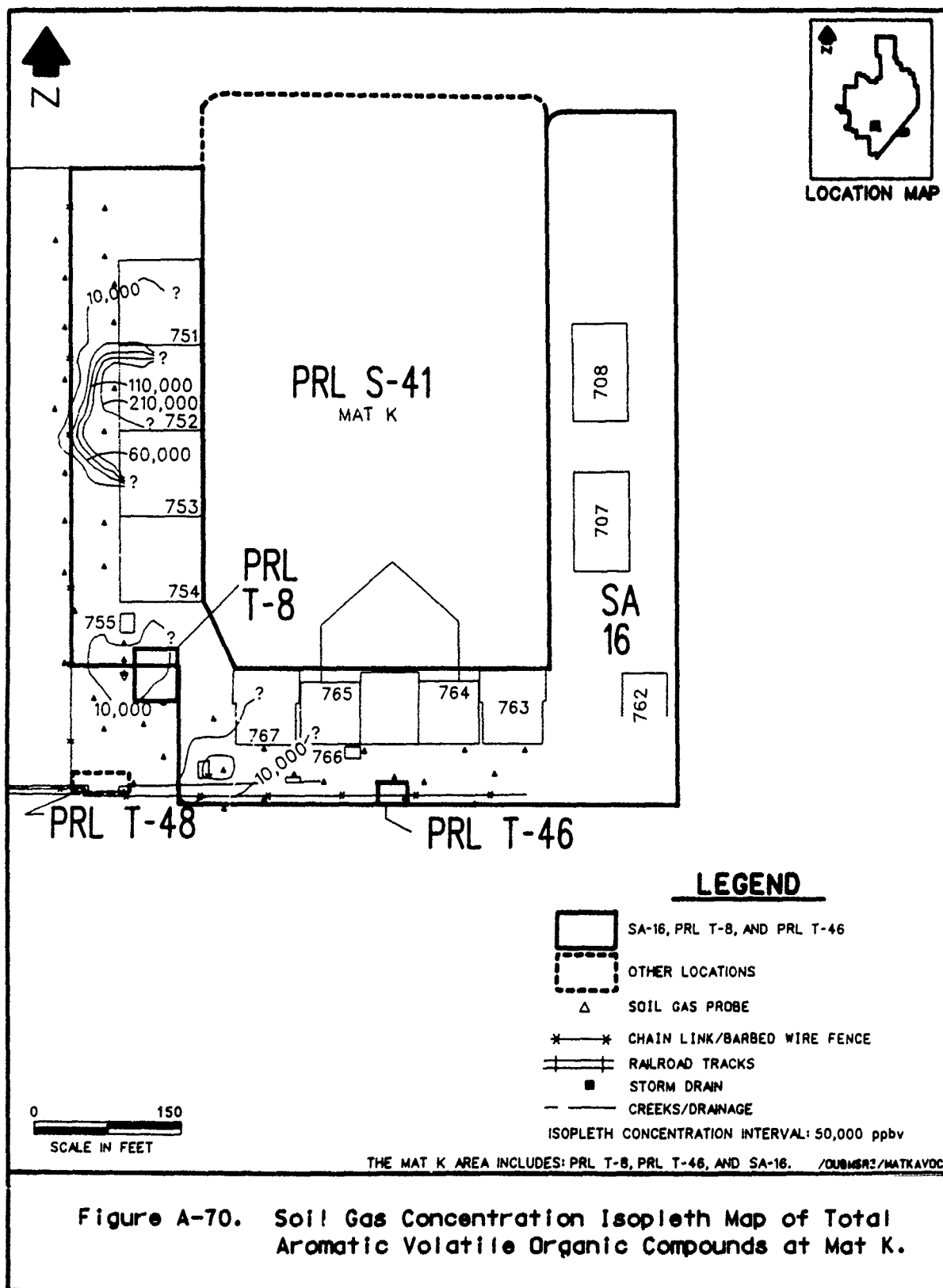
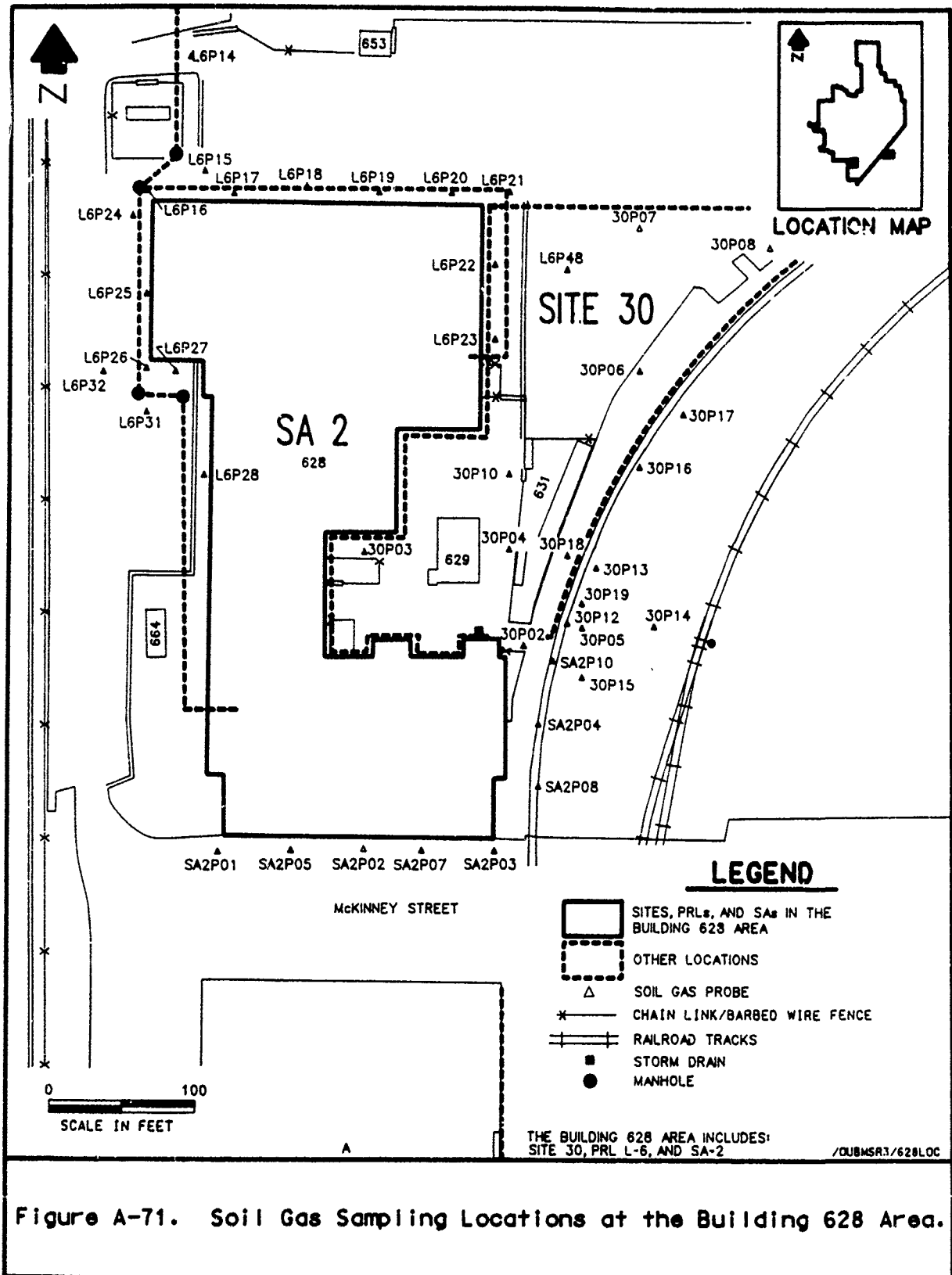


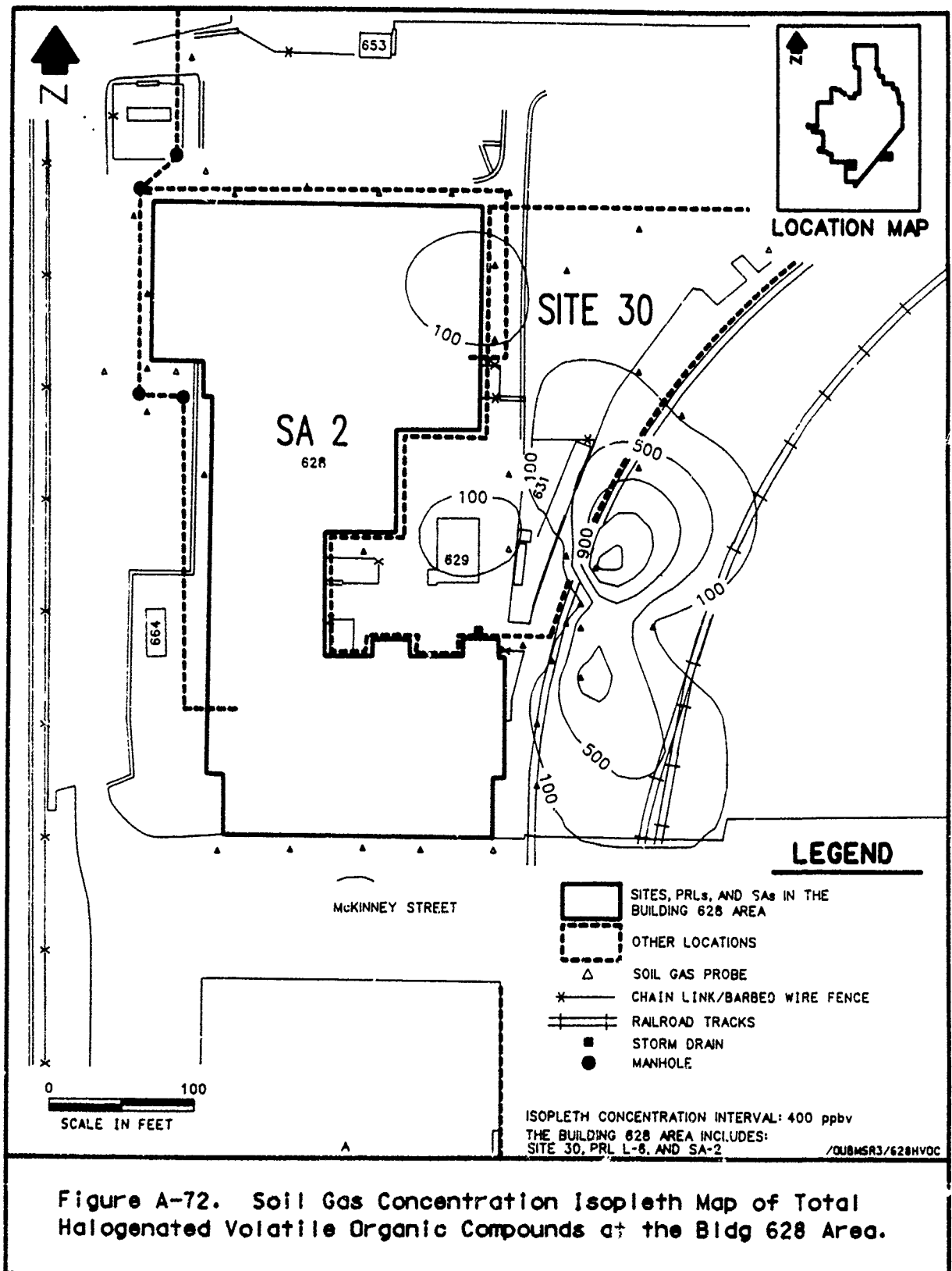
Figure A-67. Soil Gas Concentration isopleth Map of Total Aromatic Volatile Organic Compounds at the DRMO Storage Yard.

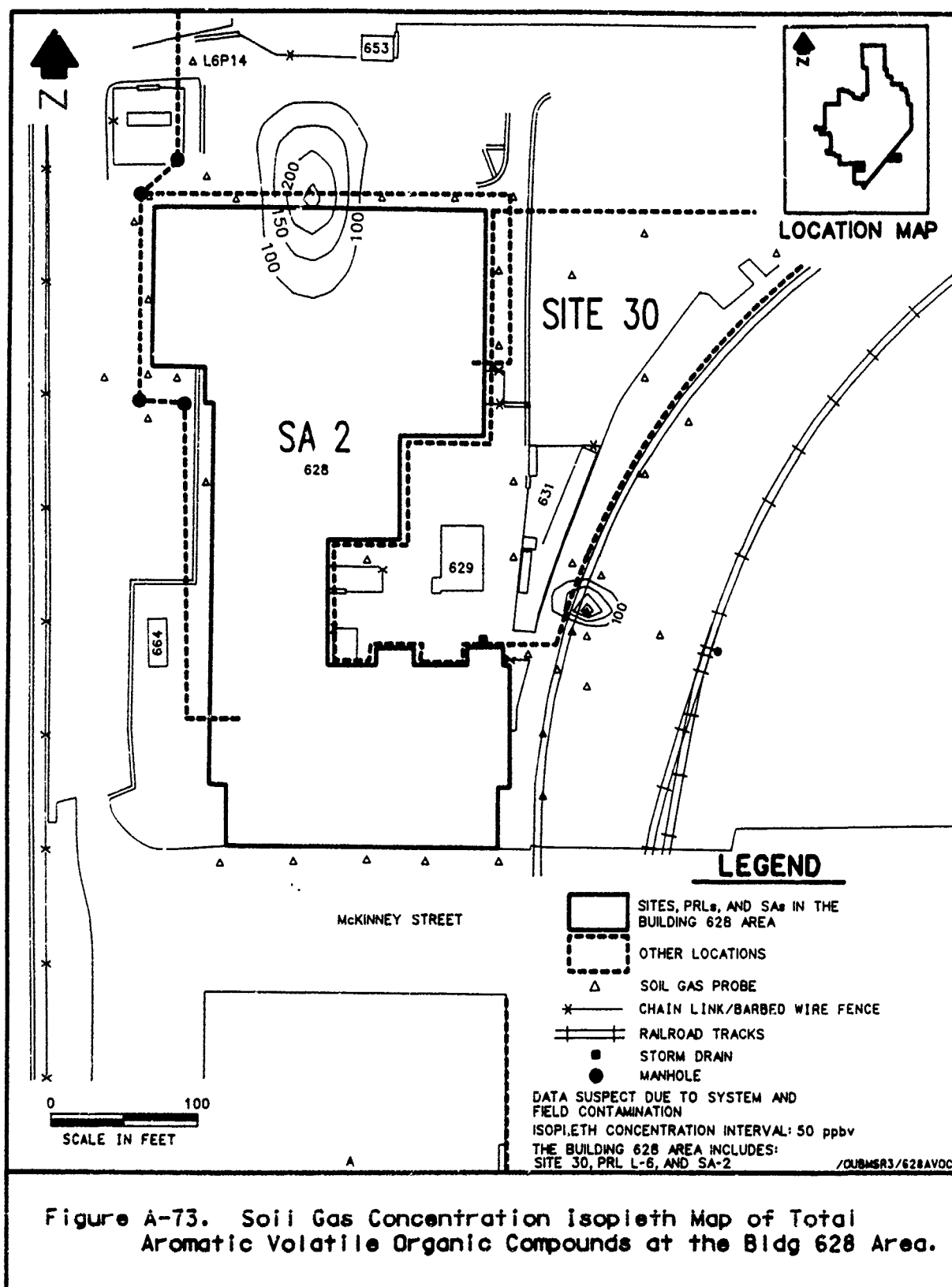












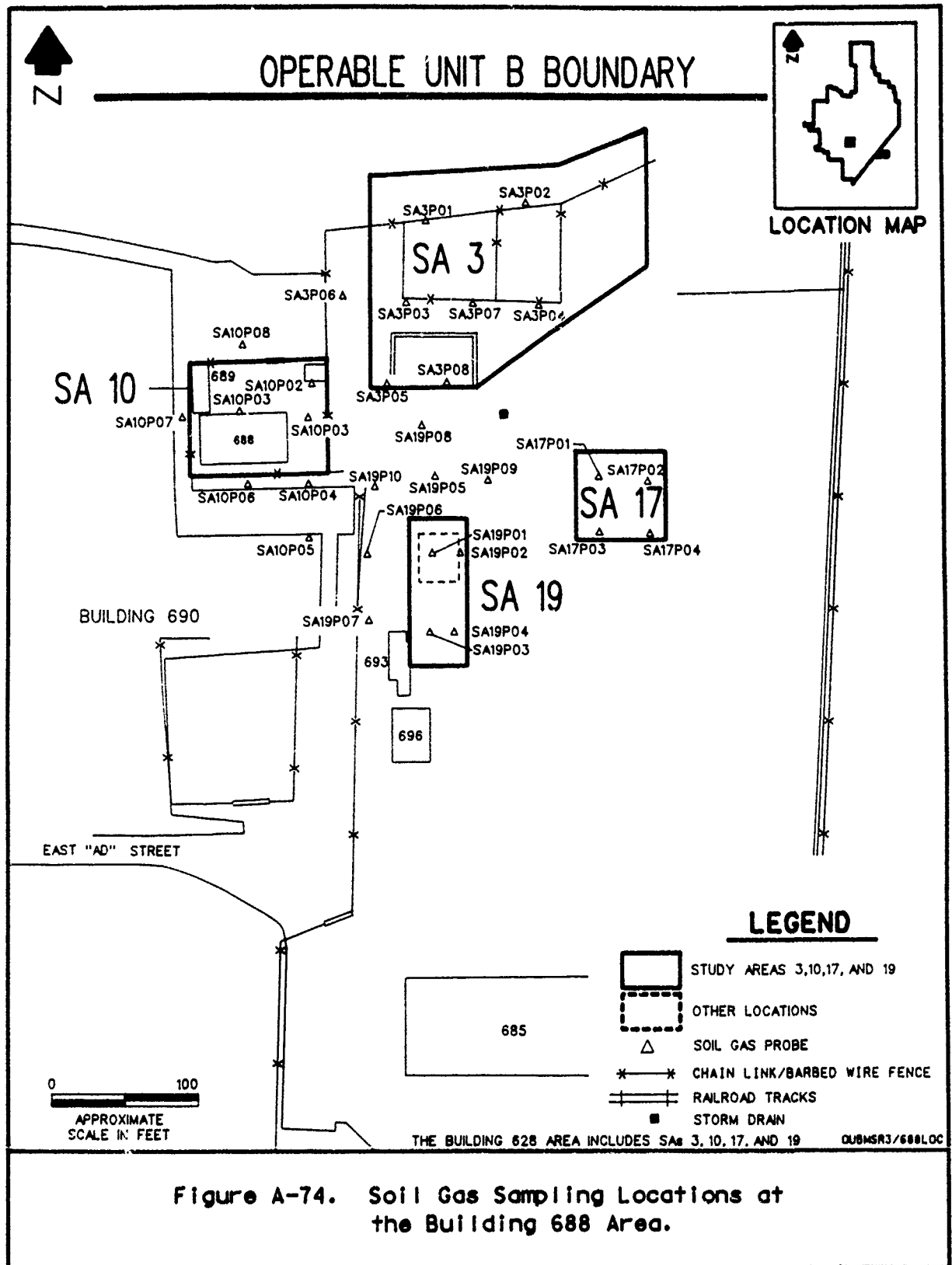
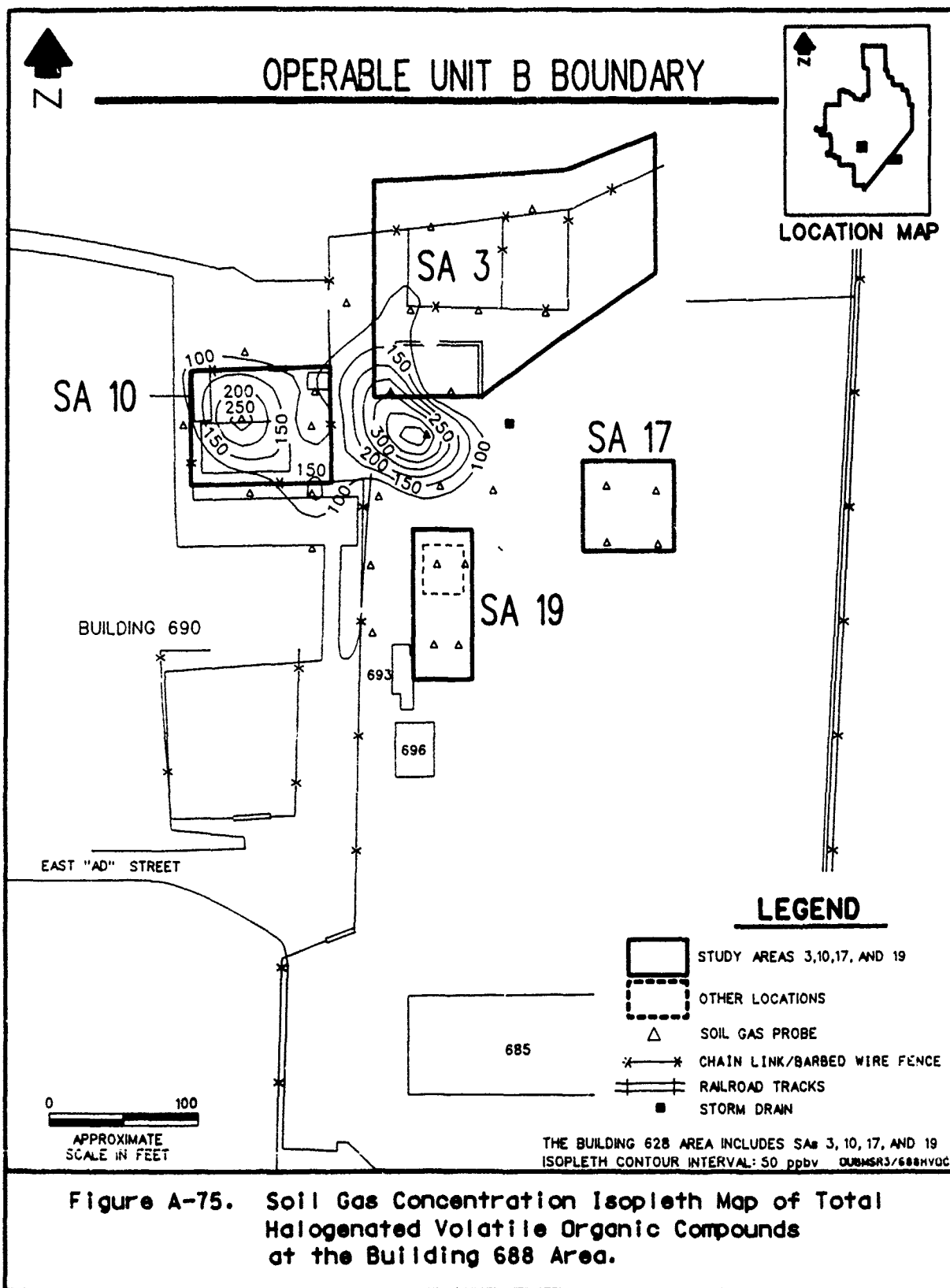


Figure A-74. Soil Gas Sampling Locations at the Building 688 Area.



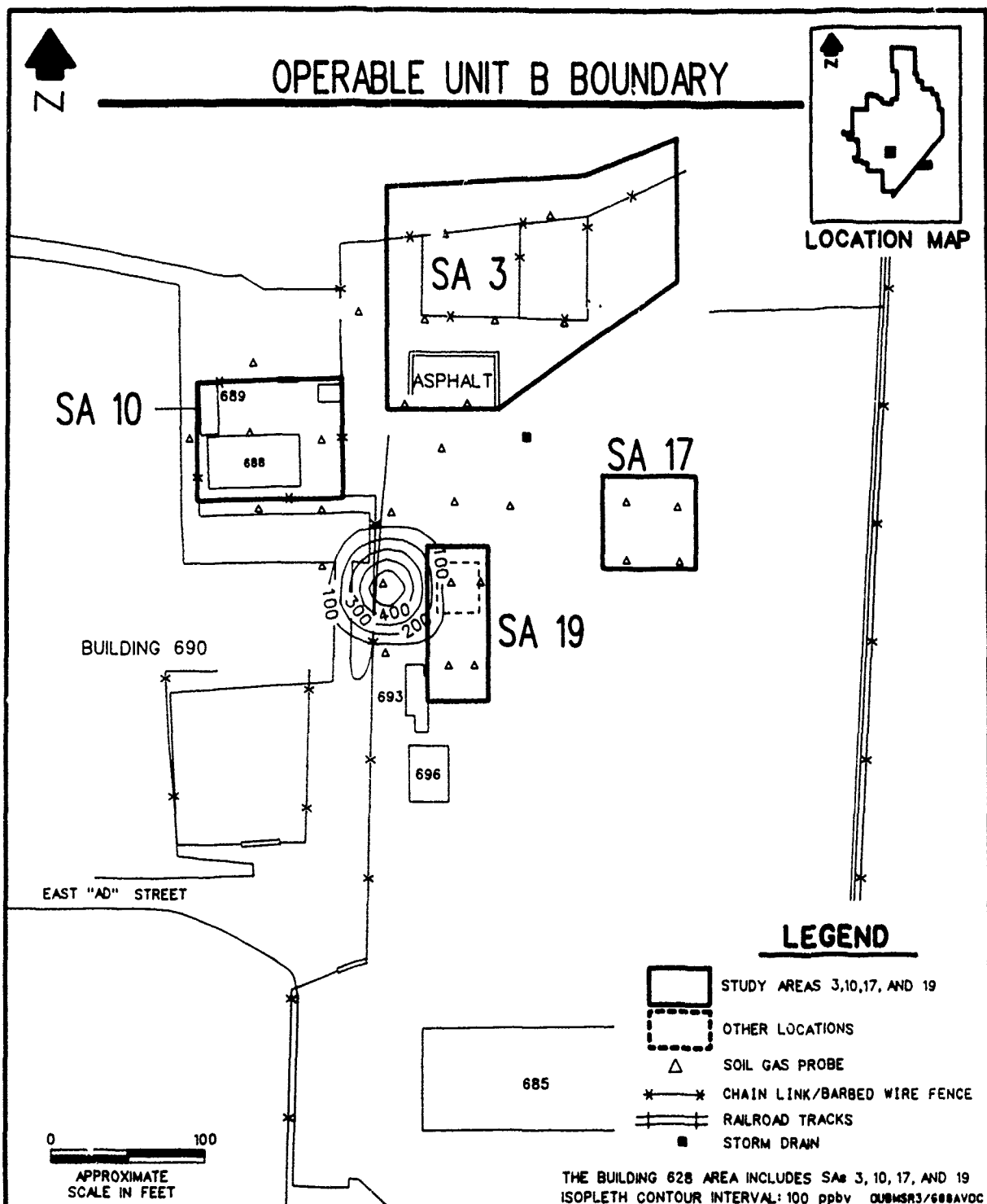


Figure A-76. Soil Gas Concentration Isopleth Map of Total Aromatic Volatile Organic Compounds at the Building 688 Area.

APPENDIX B

Analytical Results for Shallow Soil Gas Samples

RADIAN CORPORATION

TABLE B-1 ANALYTICAL RESULTS FOR SHALLOW SOIL GAS SAMPLES,
OPERABLE UNIT B SOIL GAS INVESTIGATION,
SEPTEMBER THROUGH DECEMBER 1990, MCCLELLAN AIR FORCE BASE

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 23 | | | | | | | |
| 23P01 | 09/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 54.40 | 3.00 |
| | | | | | Chloroform | 5.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.60 CR | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| | | LD | LD | 1 | Total 1,2-Dichloroethene | 7.70 DL | 3.00 |
| | | | | | Chloroform | 7.30 | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 7.30 | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| | | | | | p-Xylene | 699.00 BD,DL | 224.0 |
| 23P02 | 09/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 168.00 | 3.00 |
| | | | | | Chloroform | 6.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.10 CR | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | LD | LD | 1 | Total 1,2-Dichloroethene | 61.10 | 3.00 |
| | | | | | Chloroform | 6.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.00 CR | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | p-Xylene | 3052.00 | 224.0 |
| 23P03 | 09/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 316.00 | 3.00 |
| | | | | | Chloroform | 4.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.70 CR | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| | | LD | LD | 1 | Total 1,2-Dichloroethene | 419.00 | 75.00 |
| | | | | | Chloroform | 11.20 CR,DL | 16.000 |
| | | | | | 1,1,1-Trichloroethane | 11.20 CR,DL | 16.000 |
| | | | | | Trichloroethene | 1.80 DL | 20.250 |
| | | | | | Tetrachloroethene | 0.80 DL | 3.750 |
| 23P04 | 09/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 64.90 | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 23 | | | | | | | |
| 23P04 | 09/18/90 | NS | NS | 1 | Chloroform | 5.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.20 CR | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| 23P05 | 09/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.80 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | 09/19/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 5.00 DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 8.20 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| 23P06 | 09/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.40 DL | 3.00 |
| | | | | | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| | 09/19/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 13.90 DL | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | | | | | Toluene | 278.00 DL | 127.0 |
| | | | | | p-Xylene | 570.00 DL | 224.0 |
| | | | | | o-Xylene | 288.00 DL | 242.0 |
| 23P07 | 09/19/90 | NS | NS | 1 | Chloroform | 1.90 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SITE 23 | | | | | | | |
| 23P07 | 09/19/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | | | | | p-Xylene | 710.00 BC,DL | 224.0 |
| 23P08 | 09/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 35.90 | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| | | | | | p-Xylene | 1940.00 BC | 224.0 |
| 23P09 | 09/19/90 | NS | NS | 1 | o-Xylene | 1060.00 BC,DL | 242.0 |
| | | | | | Total 1,2-Dichloroethene | 15.10 | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| 23P10 | 09/19/90 | NS | NS | 1 | p-Xylene | 303.00 BC,DL | 224.0 |
| | | | | | Total 1,2-Dichloroethene | 10.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| 23P11 | 09/19/90 | NS | NS | 1 | p-Xylene | 6750.00 BC | 224.0 |
| | | | | | o-Xylene | 1000.00 BC,DL | 242.0 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| 23P12 | 09/19/90 | NS | NS | 1 | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| | | | | | Total 1,2-Dichloroethene | 11.30 DL | 3.00 |
| | | | | | Chloroform | 3.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CF | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 23 | | | | | | | |
| 23P12 | 09/19/90 | NS | NS | 1 | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | | | p-Xylene | 8010.00 BC | 224.0 |
| | | | | | o-Xylene | 2580.00 BC | 242.0 |
| 23P13 | 09/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.00 DL | 3.00 |
| | | | | | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| | | | | | p-Xylene | 926.00 DL | 224.0 |
| 23P14 | 09/20/90 | NS | NS | 1 | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | | | p-Xylene | 317.00 BC,DL | 224.0 |
| 23P15 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.40 DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | p-Xylene | 2540.00 BC | 224.0 |
| 23P16 | 09/20/90 | NS | NS | 1 | o-Xylene | 1220.00 BC | 242.0 |
| | | | | | Total 1,2-Dichloroethene | 4.90 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | | | p-Xylene | 4670.00 BC | 224.0 |
| | | | | | o-Xylene | 497.00 BC,DL | 242.0 |
| | 09/20/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 7.20 DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SITE 23 | | | | | | | |
| 23P16 | 09/20/90 | FD | NS | 1 | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| 23P17 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.70 DL | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 10.60 | 0.150 |
| 23P18 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.30 DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 9.40 | 0.150 |
| | | | | | p-Xylene | 2840.00 BC | 224.0 |
| | | | | | o-Xylene | 950.00 BC,DL | 242.0 |
| 23P19 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 26.80 | 3.00 |
| | | | | | Chloroform | 5.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.40 CR | 0.640 |
| | | | | | Trichloroethene | 96.50 | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| | | | | | p-Xylene | 319.00 BC,DL | 224.0 |
| | | | | | o-Xylene | 267.00 BC,DL | 242.0 |
| 23P20 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.80 DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 68.00 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | | | p-Xylene | 1000.00 BC,DL | 224.0 |
| 23P21 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.80 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 23 | | | | | | | |
| 23P21 | 09/20/90 | NS | NS | 1 | Tetrachloroethene | 4.30 | 0.150 |
| 23P22 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.90 DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | | | p-Xylene | 1920.00 BC | 224.0 |
| 23P23 | 09/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.30 DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| | | | | | p-Xylene | 333.00 BC,DL | 224.0 |
| 23P24 | 09/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.50 DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.00 | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| | | | | | p-Xylene | 352.00 BC,DL | 224.0 |
| 23P25 | 09/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.40 DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.70 | 0.150 |
| | | | | | Toluene | 698.00 DL | 127.0 |
| | | | | | p-Xylene | 1150.00 BC | 224.0 |
| | | | | | o-Xylene | 661.00 BC,DL | 242.0 |
| 23P26 | 09/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.40 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 23 | | | | | | | |
| 23P26 | 09/21/90 | NS | NS | 1 | Tetrachloroethene | 1.60 | 0.150 |
| | | | | | Toluene | 300.00 BC,DL | 127.0 |
| | | | | | p-Xylene | 1240.00 BC | 224.0 |
| | | | | | o-Xylene | 682.00 BC,DL | 242.0 |
| | 09/21/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 6.30 DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| | | | | | p-Xylene | 882.00 DL | 224.0 |
| | | | | | o-Xylene | 367.00 DL | 242.0 |
| 23P27 | 09/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.00 DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| | | | | | p-Xylene | 1280.00 BC | 224.0 |
| | | | | | | | |
| 23P28 | 09/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.60 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 12.10 | NA |
| | | | | | Chloroform | 1.40 CR | NA |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR | NA |
| | | | | | Trichloroethene | 0.90 | NA |
| | | | | | Tetrachloroethene | 1.90 | NA |
| | | | | | p-Xylene | 289.00 BC | NA |
| | | | | | | | |
| 23P29 | 09/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.50 DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-----------------|--------------------|
| SITE 23 | | | | | | | |
| 23P30 | 09/21/90 | NS | NS | 1 | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 130.00 D | 0.150 |
| | | | LD | 1 | Chloroform | 2.30 CR,DL | 16.000 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 16.000 |
| | | | | | Trichloroethene | 3.20 DL | 20.250 |
| | | | | | Tetrachloroethene | 209.00 | 3.750 |
| 23P31 | 09/24/90 | NS | NS | 1 | Chloroform | 78.30 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 78.30 CR | 6.400 |
| | | | | | Trichloroethene | 73.40 | 8.100 |
| | | | | | Tetrachloroethene | 7410.00 D | 1.500 |
| 23P32 | 09/24/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.20 DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 11.60 | 0.150 |
| | | | | | p-Xylene | 134.00 BC,DL | 224.0 |
| 23P33 | 11/26/90 | NS | NS | 2 | Chloroform | 1.30 BD,Q,DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 BD,Q,DL,CR | 0.640 |
| | | | | | Trichloroethene | 4.20 BD | 0.810 |
| | | | | | Tetrachloroethene | 68.40 | 0.150 |
| 23P34 | 11/26/90 | NS | NS | 2 | Chloroform | 0.50 DL,Q,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 DL,Q,CR | 0.640 |
| | | | | | Trichloroethene | 1.60 DL,BD | 0.810 |
| | | | | | Tetrachloroethene | 14.70 | 0.150 |
| 23P35 | 11/26/90 | NS | NS | 2 | Chloroform | 0.20 DL,Q,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.20 DL,Q,CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 23 | | | | | | | |
| 23P35 | 11/26/90 | NS | NS | 2 | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.20 BD | 0.150 |
| SITE 24 | | | | | | | |
| 24P01 | 09/11/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.80 DL | 3.00 |
| | | | | | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | LD | 1 | Tetrachloroethene | 0.10 DL | 0.150 |
| | 09/11/90 | FD | NS | 1 | Chloroform | 0.40 DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| 24P03 | 09/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 57.00 | 3.00 |
| | | | | | Chloroform | 15.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 15.90 CR | 0.640 |
| | | | | | Trichloroethene | 1049.80 D | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| | | | | | p-Xylene | 42800.00 BD | 224.0 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 125.00 DL | 30.00 |
| | | | | | Chloroform | 13.30 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 13.30 CR,DL | 6.400 |
| | | | | | Trichloroethene | 418.00 | 8.100 |
| | | | | | Tetrachloroethene | 37.30 | 1.500 |
| | | | | | p-Xylene | 102000.0 BD | 2240.0 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 163.00 | 30.00 |
| | | | | | Chloroform | 18.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 18.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 425.00 | 8.100 |
| | | | | | Tetrachloroethene | 4.70 DL | 1.500 |
| | | | | | p-Xylene | 178000.0 BD | 2240.0 |
| 24P04 | 09/11/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 13.20 HB,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 24 | | | | | | | |
| 24P04 | 09/11/90 | NS | NS | 1 | Chloroform | 4.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.20 CR | 0.640 |
| | | | | | Trichloroethene | 10.60 | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 9.90 HB,DL | 3.00 |
| | | | | | Chloroform | 4.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.00 CR | 0.640 |
| | | | | | Trichloroethene | 10.50 | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 24P06 | 09/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 65.40 HB | 3.00 |
| | | | | | Chloroform | 3.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.80 CR | 0.640 |
| | | | | | Trichloroethene | 21.40 | 0.810 |
| | | | | | Tetrachloroethene | 9.50 | 0.150 |
| | | | | | p-Xylene | 800.00 BD,DL | 224.0 |
| | 09/12/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 23.80 HB | 3.00 |
| | | | | | Chloroform | 5.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.90 CR | 0.640 |
| | | | | | Trichloroethene | 91.10 | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| | | | | | p-Xylene | 57500.00 BD | 224.0 |
| | | | | | | | |
| | | | | | | | |
| 24P07 | 09/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 23.60 | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| 24P08 | 09/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 30.70 HB,DL | 30.00 |
| | | | | | Chloroform | 74.60 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 74.60 CR | 6.400 |
| | | | | | Trichloroethene | 850.00 | 8.100 |
| | | | | | Tetrachloroethene | 33.00 | 1.500 |
| | | | | | p-Xylene | 511000.0 BD | 2240.0 |
| 24P09 | 09/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 24.50 | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 24 | | | | | | | |
| 24P09 | 09/12/90 | NS | NS | 1 | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| | | | | | p-Xylene | 55900.00 BD | 224.0 |
| | | | | | Unknown-1 | 400.00 | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 34.40 | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.10 | 0.150 |
| | | | | | Unknown-1 | 11000.00 | NA |
| 24P10 | 09/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 14.30 DL | 30.00 |
| | | | | | Chloroform | 23.30 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 23.30 CR,DL | 6.400 |
| | | | | | Trichloroethene | 5.20 DL | 8.100 |
| | | | | | Tetrachloroethene | 3.90 DL | 1.500 |
| | | | | | p-Xylene | 57500.00 BD | 2240.0 |
| 24P11 | 09/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| 24P12 | 09/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| | 09/13/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 2.60 DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 DL | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 24 | | | | | | | |
| 24P12 | 09/13/90 | FD | NS | 1 | p-Xylene | 1300.00 | 224.0 |
| 24P13 | 09/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.00 DL | 3.00 |
| | | | | | Chloroform | 11.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 11.60 CR | 0.640 |
| | | | | | Trichloroethene | 24.40 | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| | | LD | LD | 1 | Total 1,2-Dichloroethene | 11.90 DL | 3.00 |
| | | | | | Chloroform | 11.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 11.80 CR | 0.640 |
| | | | | | Trichloroethene | 25.30 | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| 24P14 | 09/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 34.40 | 3.00 |
| | | | | | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 32.70 | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| | | | | | Unknown-1 | 2.70 | NA |
| 24P16 | 09/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 15.80 | 0.810 |
| | | | | | Tetrachloroethene | 3.80 | 0.150 |
| | | | | | Unknown-1 | 12.40 | NA |
| 24P17 | 09/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.60 DL | 3.00 |
| | | | | | Chloroform | 6.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.20 CR | 0.640 |
| | | | | | Trichloroethene | 10.40 | 0.810 |
| | | | | | Tetrachloroethene | 7.50 | 0.150 |
| 24P18 | 09/14/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 17.10 | 3.00 |
| | | | | | Chloroform | 19.50 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 24 | | | | | | | |
| 24P21 | 09/14/90 | NS | LD | 1 | 1,1,1-Trichloroethane | 25.80 CR,DL | 6.400 |
| | | | | | Trichloroethene | 2070.00 | 8.100 |
| | | | | | Tetrachloroethene | 9.20 | 1.500 |
| | | | | | Unknown-2 | 2460.00 | NA |
| 24P22 | 09/14/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 16.00 CP | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 12.40 | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| | | | | | Unknown-1 | 3.10 | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 39.40 DL | 75.00 |
| | | | | | Chloroform | 14.10 CR,DL | 16.000 |
| | | | | | 1,1,1-Trichloroethane | 14.10 CR,DL | 16.000 |
| | | | | | Trichloroethene | 4.70 DL | 20.250 |
| | | | | | Tetrachloroethene | 2.70 DL | 3.750 |
| 24P23 | 09/14/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 54.60 | 3.00 |
| | | | | | Chloroform | 3.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.70 CR | 0.640 |
| | | | | | Trichloroethene | 14.70 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| 24P24 | 09/17/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 36.00 | 3.00 |
| | | | | | Chloroform | 111.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 111.00 CR | 0.640 |
| | | | | | Trichloroethene | 113.00 | 0.810 |
| | | | | | Tetrachloroethene | 12.60 | 0.150 |
| | | | | | Unknown-1 | 724.00 | NA |
| | | | | | Unknown-2 | 775.00 | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 17.70 | 3.00 |
| | | | | | Chloroform | 108.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 108.00 CR | 0.640 |
| | | | | | Trichloroethene | 108.00 | 0.810 |
| | | | | | Tetrachloroethene | 12.60 | 0.150 |
| | | | | | Unknown-1 | 652.00 | NA |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-----------|--------------------|
| SITE 24 | | | | | | | |
| 24P24 | 09/17/90 | NS | LD | 1 | Unknown-2 | 632.00 | NA |
| | 09/17/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 19.60 | 3.00 |
| | | | | | Chloroform | 107.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 107.00 CR | 0.640 |
| | | | | | Trichloroethene | 111.00 | 0.810 |
| | | | | | Tetrachloroethene | 13.00 | 0.150 |
| | | | | | Unknown-1 | 770.00 | NA |
| | | | | | Unknown-2 | 630.00 | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 10.10 DL | 3.00 |
| | | | | | Chloroform | 105.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 105.00 CR | 0.640 |
| | | | | | Trichloroethene | 110.00 | 0.810 |
| | | | | | Tetrachloroethene | 12.50 | 0.150 |
| | | | | | Unknown-1 | 673.00 | NA |
| | | | | | Unknown-2 | 623.00 | NA |
| 24P25 | 09/17/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 10.20 DL | 3.00 |
| | | | | | Chloroform | 89.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 89.60 CR | 0.640 |
| | | | | | Trichloroethene | 34.60 | 0.810 |
| | | | | | Tetrachloroethene | 5.40 | 0.150 |
| | | | | | Unknown-1 | 1100.00 | NA |
| | | | | | Unknown-2 | 570.00 | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 10.40 DL | 3.00 |
| | | | | | Chloroform | 90.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 90.40 CR | 0.640 |
| | | | | | Trichloroethene | 34.40 | 0.810 |
| | | | | | Tetrachloroethene | 5.10 | 0.150 |
| | | | | | Unknown-1 | 1120.00 | NA |
| | | | | | Unknown-2 | 359.00 | NA |
| | 09/17/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 14.60 DL | 3.00 |
| | | | | | Chloroform | 96.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 96.40 CR | 0.640 |
| | | | | | Trichloroethene | 39.50 | 0.810 |
| | | | | | Tetrachloroethene | 4.60 | 0.150 |
| | | | | | Unknown-1 | 532.00 | NA |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 24 | | | | | | | |
| 24P25 | 09/17/90 | FD | NS | 1 | Unknown-2 | 384.00 | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 16.70 | 3.00 |
| | | | | | Chloroform | 95.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 95.80 CR | 0.640 |
| | | | | | Trichloroethene | 39.30 | 0.810 |
| | | | | | Tetrachloroethene | 5.90 | 0.150 |
| | | | | | Unknown-1 | 506.00 | NA |
| | | | | | Unknown-2 | 377.00 | NA |
| 24P26 | 09/17/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 37.10 HB | 3.00 |
| | | | | | Chloroform | 5.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.10 CR | 0.640 |
| | | | | | Trichloroethene | 7.40 | 0.810 |
| | | | | | Tetrachloroethene | 11.20 | 0.150 |
| 24P27 | 09/17/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 63.10 HB | 3.00 |
| | | | | | Chloroform | 26.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 26.80 CR | 0.640 |
| | | | | | Trichloroethene | 415.00 D | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| | | | | | Unknown-1 | 45.30 | NA |
| 24P28 | 09/17/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 52.90 | 3.00 |
| | | | | | Chloroform | 17.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 17.20 CR | 0.640 |
| | | | | | Trichloroethene | 13.80 | 0.810 |
| | | | | | Tetrachloroethene | 8.50 | 0.150 |
| | | | | | p-Xylene | 3900.00 BC | 224.0 |
| 24P29 | 09/17/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 63.50 | 3.00 |
| | | | | | Chloroform | 9.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.00 CR | 0.640 |
| | | | | | Trichloroethene | 11.40 | 0.810 |
| | | | | | Tetrachloroethene | 2.80 | 0.150 |
| | | | | | p-Xylene | 3960.00 BC | 224.0 |
| 24P30 | 09/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 21.50 DL | 3.00 |

(Continued)



TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|------------|-----------------|
| SITE 24 | | | | | | | |
| 24P30 | 09/18/90 | NS | NS | 1 | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Trichloroethene | 31.30 | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| 24P31 | 09/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 59.20 | 3.00 |
| | | | | | Chloroform | 3.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR | 0.640 |
| | | | | | Trichloroethene | 2.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| 24P32 | 09/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 114.00 | 3.00 |
| | | | | | Chloroform | 3.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR | 0.640 |
| | | | | | Trichloroethene | 8.90 | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| | 09/18/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 122.00 | 3.00 |
| | | | | | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.70 | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| SITE 30 | | | | | | | |
| 30P02 | 10/31/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.10 | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.00 | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| 30P03 | 10/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|----------------|--------------------|
| SITE 30 | | | | | | | |
| 30P03 | 10/30/90 | NS | NS | 2 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.40 | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| 30P04 | 10/31/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 12.00 DL | 7.50 |
| | | | | | Chloroform | 2.20 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 1.600 |
| | | | | | Trichloroethene | 191.00 | 2.025 |
| 30P05 | 10/30/90 | NS | NS | 1 | Tetrachloroethene | 1.00 DL | 0.375 |
| | | | | | Chloroform | 10.60 HB,CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 10.60 HB,CR,DL | 6.400 |
| | | | | | Trichloroethene | 585.00 | 8.100 |
| 30P06 | 10/29/90 | NS | NS | 1 | Tetrachloroethene | 1.20 DL | 1.500 |
| | | | | | Total 1,2-Dichloroethene | 87.40 Q | 3.00 |
| | | | | | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| 30P07 | 10/30/90 | NS | NS | 2 | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | | | Total 1,2-Dichloroethene | 2.40 DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| 30P08 | 10/31/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| | | | | | Total 1,2-Dichloroethene | 2.40 HB,DL | 3.00 |
| 30P09 | 10/30/90 | NS | LD | 2 | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.90 | 0.150 |
| 30P08 | 10/31/90 | NS | NS | 1 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 30 | | | | | | | |
| 30P08 | 10/31/90 | NS | NS | 1 | Trichloroethene | 21.90 | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| | | | LD | 1 | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 17.40 | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | | | | | |
| | | | | | | | |
| 30P10 | 11/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 23.40 | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.90 | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 17.20 HB | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 8.70 | 0.810 |
| 30P12 | 11/27/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.10 BD,DL | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| | | | | | | | |
| 30P13 | 11/27/90 | NS | NS | 1 | Chloroform | 0.20 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 0.20 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1790.00 X | 8.100 |
| 30P14 | 11/27/90 | NS | NS | 2 | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 36.10 | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| | | | LD | 2 | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 35.40 | 0.810 |
| | | | | | | | |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 30 | | | | | | | |
| 30P14 | 11/27/90 | NS | LD | 2 | Tetrachloroethene | 1.10 | 0.150 |
| 30P15 | 11/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 43.00 DL | 15.00 |
| | | | | | Chloroform | 3.40 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR,DL | 3.200 |
| | | | | | Trichloroethene | 934.00 X | 4.050 |
| | | | | | Tetrachloroethene | 1.80 DL | 0.750 |
| 30P16R | 12/10/90 | NS | NS | 2 | Chloroform | 2.30 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 6.400 |
| | | | | | Trichloroethene | 657.00 | 8.100 |
| | | | | | Tetrachloroethene | 3.40 DL | 1.500 |
| | 12/10/90 | FD | NS | 2 | Chloroform | 4.70 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 4.70 CR,DL | 6.400 |
| | | | | | Trichloroethene | 577.00 | 8.100 |
| | | | | | Tetrachloroethene | | |
| 30P17 | 12/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.70 DL | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 35.80 | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 8.00 DL | 3.00 |
| | | | | | Chloroform | 4.60 CR,BD | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.60 CR,BD | 0.640 |
| | | | | | Trichloroethene | 34.80 | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| 30P18 | 12/10/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.10 DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.70 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| 30P19 | 12/10/90 | NS | NS | 1 | Chloroform | 2.10 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 30 | | | | | | | |
| 30P19 | 12/10/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 54.40 | 0.810 |
| | | | | | Tetrachloroethene | 3.70 | 0.150 |
| | | | | | Toluene | 286.00 DL | 127.0 |
| | | | | | Unknown-1 | 46.10 | NA |
| SITE 31 | | | | | | | |
| 31P01 | 10/03/90 | NS | NS | 2 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| 31P02 | 10/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| 31P03 | 10/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.10 HB,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 10.70 | 0.810 |
| | | | | | Tetrachloroethene | 3.90 | 0.150 |
| 31P04 | 10/03/90 | NS | NS | 1 | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SITE 36 | | | | | | | |
| 36P01 | 09/26/90 | NS | NS | 1 | Chloroform | 7.80 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 7.80 CR,DL | 6.400 |
| | | | | | Trichloroethene | 131.00 D | 8.100 |
| | | | | | Tetrachloroethene | 1190.00 D | 1.500 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 36 | | | | | | | |
| 36P01 | 09/26/90 | NS | NS | 1 | Freon 113 | 7100.00 HB | NA |
| 36P02 | 09/25/90 | NS | NS | 1 | Chloroform | 11.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 11.70 CR | 0.640 |
| | | | | | Trichloroethene | 6.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 6.70 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 2.00 HB,DL | 3.00 |
| | | | | | Chloroform | 11.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 11.70 CR | 0.640 |
| | | | | | Trichloroethene | 6.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 7.40 | 0.150 |
| 36P03 | 09/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.00 HB,DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 8.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| 36P04 | 09/25/90 | NS | NS | 1 | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.60 | 0.810 |
| | | | | | Tetrachloroethene | 8.00 | 0.150 |
| 36P05 | 09/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.00 DL | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 47.30 | 0.810 |
| | | | | | Tetrachloroethene | 5.20 | 0.150 |
| | | | | | p-Xylene | 139.00 DL | 224.0 |
| 36P06 | 09/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.00 DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|----------------|--------------------|
| SITE 36 | | | | | | | |
| 36P07 | 11/20/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 58.50 DL | 15.00 |
| | | | | | Chloroform | 10.00 CR,BC,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 10.00 CR,BC,DL | 3.200 |
| | | | | | Trichloroethene | 406.00 | 4.050 |
| | | | | | Tetrachloroethene | 62.20 | 0.750 |
| 36P08 | 11/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 62.50 | 7.50 |
| | | | | | Chloroform | 0.40 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 1.600 |
| | | | | | Trichloroethene | 178.00 | 2.025 |
| | | | | | Tetrachloroethene | 2.30 DL | 0.375 |
| | | | | | Unknown-1 | 9270.00 | NA |
| | | | | | Unknown-2 | 5690.00 | NA |
| | | | | | Unknown-3 | 4520.00 | NA |
| 36P09 | 11/20/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 18.50 HB,DL | 7.50 |
| | | | | | Chloroform | 8.70 CR,BC | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 8.70 CR,BC | 1.600 |
| | | | | | Trichloroethene | 24.20 | 2.025 |
| | | | | | Tetrachloroethene | 170.00 | 0.375 |
| 36P10 | 12/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.00 Q,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| 36P11 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 49.40 BD,Q | 3.00 |
| | | | | | Chloroform | 3.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR | 0.640 |
| | | | | | Trichloroethene | 17.90 | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| 36P12 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 57.30 Q | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SITE 36 | | | | | | | |
| 36P12 | 11/30/90 | NS | NS | 2 | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 81.50 | 0.810 |
| | | | | | Tetrachloroethene | 12.20 | 0.150 |
| 36P13 | 12/03/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 13.40 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 5.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.80 CR | 0.640 |
| | | | | | Trichloroethene | 11.90 | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 12.70 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 6.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.20 CR | 0.640 |
| | | | | | Trichloroethene | 13.00 | 0.810 |
| | | | | | Tetrachloroethene | 4.20 | 0.150 |
| 36P14 | 12/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 50.00 HB,Q,DL | 15.00 |
| | | | | | Chloroform | 11.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 11.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 12.80 DL | 4.050 |
| | | | | | Tetrachloroethene | 256.00 | 0.750 |
| | 12/04/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 46.80 HB,Q,DL | 15.00 |
| | | | | | Chloroform | 6.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 6.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 10.40 DL | 4.050 |
| | | | | | Tetrachloroethene | 252.00 | 0.750 |
| 36P15 | 12/03/90 | NS | NS | 1 | Chloroform | 12.50 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 12.50 CR,DL | 6.400 |
| | | | | | Trichloroethene | 2360.00 X | 8.100 |
| | | | | | Tetrachloroethene | 46000.00 X | 1.500 |
| SITE 47 | | | | | | | |
| 47P01 | 10/17/90 | NS | NS | 1 | Chloroform | 27.90 CR,DL | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 47 | | | | | | | |
| 47P01 | 10/17/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 27.90 CR,DL | 6.400 |
| | | | | | Trichloroethene | 2500.00 | 8.100 |
| | | | | | Tetrachloroethene | 15600.00 D | 1.500 |
| 47P02 | 10/17/90 | NS | NS | 2 | Chloroform | 12.40 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 12.40 CR,DL | 6.400 |
| | | | | | Trichloroethene | 3780.00 X | 8.100 |
| | | | | | Tetrachloroethene | 3930.00 X | 1.500 |
| 47P03 | 10/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.40 DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| | | | LD | 1 | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 8.30 | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| 47P04 | 10/18/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 HB,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.20 | 0.150 |
| | | | LD | 2 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 5.00 | 0.150 |
| 47P05 | 10/18/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.40 HB,DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| 47P06 | 10/18/90 | NS | NS | 1 | Chloroform | 9.00 HB,DL | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 47 | | | | | | | |
| 47P06 | 10/18/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 9.00 HB,DL | 6.400 |
| | | | | | Trichloroethene | 67.50 | 8.100 |
| | | | | | Tetrachloroethene | 1320.00 | 1.500 |
| | | | | | | | |
| 47P07 | 10/17/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 9.20 HB,DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 77.50 | 0.150 |
| 47P08 | 10/17/90 | NS | NS | 2 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 7.50 | 0.150 |
| | | | | | p-Xylene | 170.00 DL | 224.0 |
| 47P09 | 11/20/90 | NS | NS | 1 | Chloroform | 3.30 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR,DL | 3.200 |
| | | | | | Trichloroethene | 253.00 | 4.050 |
| | | | | | Tetrachloroethene | 388.00 | 0.750 |
| | 11/20/90 | FD | NS | 1 | Chloroform | 3.40 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR,DL | 3.200 |
| | | | | | Trichloroethene | 278.00 | 4.050 |
| | | | | | Tetrachloroethene | 433.00 | 0.750 |
| 47P10 | 11/20/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 9.20 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| 47P11 | 11/20/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.10 DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.70 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 47 | | | | | | | |
| 47P11 | 11/20/90 | NS | NS | 2 | Tetrachloroethene | 48.90 | 0.150 |
| 47P12 | 11/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.80 DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| 47P13 | 11/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.20 HB,DL | 3.00 |
| | | | | | Chloroform | 15.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 15.30 CR | 0.640 |
| | | | | | Trichloroethene | 15.00 | 0.810 |
| | | | | | Tetrachloroethene | 25.00 | 0.150 |
| | | | | | Toluene | 560.00 DL | 127.0 |
| | | | | | p-Xylene | 1050.00 DL | 224.0 |
| | | | | | o-Xylene | 474.00 DL | 242.0 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 4.20 DL | 3.00 |
| | | | | | Chloroform | 15.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 15.20 CR | 0.640 |
| | | | | | Trichloroethene | 15.00 | 0.810 |
| | | | | | Tetrachloroethene | 25.50 | 0.150 |
| | | | | | Toluene | 510.00 DL | 127.0 |
| | | | | | p-Xylene | 1080.00 DL | 224.0 |
| | | | | | o-Xylene | 516.00 DL | 242.0 |
| 47P14 | 11/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.20 HB,DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 22.80 | 0.150 |
| 47P15 | 11/21/90 | NS | NS | 1 | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| 47P16 | 11/20/90 | NS | NS | 2 | Chloroform | 24.30 CR,BC | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SITE 47 | | | | | | | |
| 47P16 | 11/20/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 24.30 CR,BC | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| 47P17 | 11/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.20 DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.90 | 0.810 |
| | | | | | Tetrachloroethene | 12.10 | 0.150 |
| | | | LD | 2 | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.00 | 0.810 |
| | | | | | Tetrachloroethene | 12.10 | 0.150 |
| 47P18 | 11/20/90 | NS | NS | 1 | Chloroform | 34.60 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 34.60 CR | 6.400 |
| | | | | | Trichloroethene | 16400.00 X | 8.100 |
| | | | | | Tetrachloroethene | 12000.00 X | 1.500 |
| 47P19 | 12/03/90 | NS | NS | 2 | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 138.00 | 0.810 |
| | | | | | Tetrachloroethene | 41.20 | 0.150 |
| | | | | | p-Xylene | 299.00 DL | 224.0 |
| | | | | | o-Xylene | 191.00 DL | 242.0 |
| 47P20 | 12/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.80 | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 10.00 Q,DL | 3.00 |
| | | | | | Chloroform | 3.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CR | 0.640 |
| | | | | | Trichloroethene | 4.30 | 0.810 |

(Continued)



TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|--------------|-----------------|
| SITE 47 | | | | | | | |
| 47P20 | 12/04/90 | NS | LD | 2 | Tetrachloroethene | 1.90 | 0.150 |
| 47P21 | 12/03/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 20.00 HB,Q | 3.00 |
| | | | | | Chloroform | 4.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.90 CR | 0.640 |
| | | | | | Trichloroethene | 4.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.20 | 0.150 |
| | | | | | Toluene | 565.00 DL | 127.0 |
| | 12/03/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 3.30 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| 47P22 | 12/03/90 | NS | NS | 1 | Chloroform | 52.80 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 52.80 CR | 6.400 |
| | | | | | Trichloroethene | 564.00 | 8.100 |
| | | | | | Tetrachloroethene | 1100.00 | 1.500 |
| 47P23 | 12/03/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 187.00 BD,Q | 7.50 |
| | | | | | Chloroform | 13.60 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 13.60 CR | 1.600 |
| | | | | | Trichloroethene | 326.00 | 2.025 |
| | | | | | Tetrachloroethene | 95.70 | 0.375 |
| | | | | | p-Xylene | 696.00 DL | 560.0 |
| SITE 48 | | | | | | | |
| 48P01 | 10/17/90 | NS | NS | 2 | Chloroform | 20.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 20.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1745.00 X | 8.100 |
| | | | | | Tetrachloroethene | 3958.00 X | 1.500 |
| 48P02 | 10/17/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 HB,DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 48 | | | | | | | |
| 48P02 | 10/17/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 17.80 | 0.150 |
| 48P03 | 10/17/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.40 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 6.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 CP,DL | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| 48P04 | 10/17/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.60 HB,DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.80 | 0.810 |
| | | | | | Tetrachloroethene | 6.80 | 0.150 |
| 48P05 | 11/19/90 | NS | NS | 1 | Chloroform | 7.60 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 7.60 CR,DL | 6.400 |
| | | | | | Trichloroethene | 3120.00 X | 8.100 |
| | | | | | Tetrachloroethene | 7200.00 X | 1.500 |
| 48P06 | 11/20/90 | NS | NS | 2 | Chloroform | 4.10 CR,BC | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.10 CR,BC | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| 48P07 | 11/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 13.60 HB,DL | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 48 | | | | | | | |
| 48P07 | 11/19/90 | NS | NS | 1 | Tetrachloroethene | 1.50 | 0.150 |
| 48P08 | 11/19/90 | NS | NS | 1 | Chloroform | 1.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 2640.00 X | 8.100 |
| | | | | | Tetrachloroethene | 19500.00 X | 1.500 |
| 48P09 | 12/05/90 | NS | NS | 1 | Chloroform | 25.90 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 25.90 CR | 1.600 |
| | | | | | Trichloroethene | 15.40 | 2.025 |
| | | | | | Tetrachloroethene | 149.00 | 0.375 |
| PRL L-5 | | | | | | | |
| L5P02 | 10/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 26.00 | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 21.80 | 0.150 |
| L5P03 | 10/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.40 DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.20 | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| L5P04 | 10/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 28.40 DL | 7.50 |
| | | | | | Chloroform | 9.90 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 9.90 CR | 1.600 |
| | | | | | Trichloroethene | 149.00 | 2.025 |
| | | | | | Tetrachloroethene | 4.20 | 0.375 |
| L5P05 | 10/19/90 | NS | NS | 2 | Chloroform | 7.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 7.10 CR | 0.640 |
| | | | | | Trichloroethene | 256.00 D | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|-----------------------|------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P05 | 10/19/90 | NS | NS | 2 | Tetrachloroethene | 35.40 | 0.150 |
| L5P06 | 10/19/90 | NS | NS | 2 | Chloroform | 9.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 9.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1200.00 | 8.100 |
| | | | | | Tetrachloroethene | 65.60 | 1.500 |
| L5P07 | 10/19/90 | NS | NS | 1 | Chloroform | 1.70 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1020.00 | 8.100 |
| | | | | | Tetrachloroethene | 66.30 | 1.500 |
| L5P08 | 10/19/90 | NS | NS | 2 | Chloroform | 6.50 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 6.50 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1200.00 X | 8.100 |
| | | | | | Tetrachloroethene | 21.20 | 1.500 |
| L5P09 | 10/25/90 | NS | NS | 2 | Chloroform | 166.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 166.00 CR | 6.400 |
| | | | | | Trichloroethene | 50800.00 X | 8.100 |
| | | | | | Tetrachloroethene | 231.00 X | 1.500 |
| L5P10 | 10/25/90 | NS | NS | 1 | Chloroform | 6.20 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 6.20 CR,DL | 6.400 |
| | | | | | Trichloroethene | 13.00 DL | 8.100 |
| | | | | | Unknown-1 | 46200.00 | NA |
| | | | | | Unknown-2 | 42600.00 | NA |
| | | | | | Unknown-3 | 42000.00 | NA |
| L5P11 | 10/25/90 | NS | NS | 2 | Chloroform | 9.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 9.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 383.00 HB | 8.100 |
| | | | | | Tetrachloroethene | 756.00 | 1.500 |
| L5P12 | 10/25/90 | NS | NS | 2 | Chloroform | 4.50 CR,DL | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P12 | 10/25/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 4.50 CR,DL | 6.400 |
| | | | | | Trichloroethene | 268.00 HB | 8.100 |
| | | | | | Tetrachloroethene | 1230.00 | 1.500 |
| L5P13 | 10/25/90 | NS | NS | 2 | Chloroform | 5.90 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 5.90 CR,DL | 6.400 |
| | | | | | Trichloroethene | 10.20 DL | 8.100 |
| | | | | | Tetrachloroethene | 430.00 | 1.500 |
| L5P14 | 10/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.60 DL | 3.00 |
| | | | | | Chloroform | 6.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.40 CR | 0.640 |
| | | | | | Trichloroethene | 2.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 14.70 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 8.50 DL | 3.00 |
| | | | | | Chloroform | 6.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.30 CR | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 14.50 | 0.150 |
| L5P15 | 10/25/90 | NS | NS | 2 | Chloroform | 6.40 PS,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.40 PS,CR | 0.640 |
| | | | | | Trichloroethene | 0.90 PS,DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 PS,DL | 0.150 |
| L5P16 | 10/26/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 1.90 Q,DL | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.30 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 2.80 Q,DL | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.10 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P17 | 10/26/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 11.70 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.20 | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| L5P18 | 10/26/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 18.80 DL | 30.00 |
| | | | | | Chloroform | 20.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 20.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 7040.00 | 8.100 |
| | | | | | Tetrachloroethene | 78.70 | 1.500 |
| L5P19 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 41.30 Q | 3.00 |
| | | | | | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| L5P21 | 10/26/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.30 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| L5P22 | 10/29/90 | NS | NS | 1 | Chloroform | 56.20 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 56.20 CR | 6.400 |
| | | | | | Trichloroethene | 15200.00 | 8.100 |
| | | | | | Tetrachloroethene | 124.00 | 1.500 |
| | 10/29/90 | FD | NS | 1 | Chloroform | 55.20 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 55.20 CR | 6.400 |
| | | | | | Trichloroethene | 14900.00 | 8.100 |
| | | | | | Tetrachloroethene | 137.00 | 1.500 |
| | | | | | | | |
| | | | | | | | |
| L5P23 | 10/29/90 | NS | NS | 1 | Chloroform | 41.70 CR | 6.400 |
| | | | | | | | |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P23 | 10/29/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 41.70 CR | 6.400 |
| | | | | | Trichloroethene | 11900.00 | 8.100 |
| | | | | | Tetrachloroethene | 129.00 | 1.500 |
| L5P24 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 19.20 DL | 30.00 |
| | | | | | Chloroform | 19.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 19.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 5550.00 | 8.100 |
| | | | | | Tetrachloroethene | 31.80 | 1.500 |
| L5P25 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 25.00 HB,Q | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 19.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| L5P27 | 10/19/90 | NS | NS | 1 | Chloroform | 10.90 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 10.90 CR,DL | 6.400 |
| | | | | | Trichloroethene | 388.00 | 8.100 |
| | | | | | Tetrachloroethene | 4.50 DL | 1.500 |
| L5P28 | 10/22/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 10.20 HB,DL | 3.00 |
| | | | | | Chloroform | 1.48 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.48 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| L5P29 | 10/22/90 | NS | NS | 1 | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.00 | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| | | | | | p-Xylene | 330.00 DL | 224.0 |
| L5P30 | 10/22/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 128.00 Q,X,DL | 30.00 |
| | | | | | Chloroform | 35.70 CR | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P30 | 10/22/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 35.70 CR | 6.400 |
| | | | | | Trichloroethene | 4.40 DL | 8.100 |
| | | | | | Tetrachloroethene | 5.50 DL | 1.500 |
| | | | | | p-Xylene | 1977.00 DL | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 781200.0 X | NA |
| | | | | | Unknown Hydrocarbon-2 | 955840.0 X | NA |
| | | | | | Unknown Hydrocarbon-3 | 199000.0 X | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 537.00 Q,HB | 30.00 |
| | | | | | Chloroform | 17.80 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 17.80 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1.50 DL | 8.100 |
| | | | | | Tetrachloroethene | 10.90 | 1.500 |
| | | | | | Unknown Hydrocarbon-1 | 721000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 894000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 223000.0 | NA |
| L5P31 | 10/30/90 | NS | NS | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.80 BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| L5P32 | 10/23/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.80 HB,DL | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 Q,DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| L5P33 | 10/18/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.10 HB,DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| L5P37 | 10/18/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.10 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|------------|-----------------|
| PRL L-5 | | | | | | | |
| L5P37 | 10/18/90 | NS | NS | 1 | Trichloroethene | 4.40 | 0.810 |
| | | | | | Tetrachloroethene | 5.10 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 16.30 HB | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | 10/18/90 | FD | NS | 2 | Trichloroethene | 4.10 | 0.810 |
| | | | | | Tetrachloroethene | 3.60 | 0.150 |
| | | | | | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| L5P38 | 10/23/90 | NS | NS | 1 | Chloroform | 8.00 HB | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.00 HB | 0.640 |
| | | | | | Trichloroethene | 15.60 Q | 0.810 |
| | | | | | Tetrachloroethene | 62.80 | 0.150 |
| L5P39 | 10/18/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.40 HB,DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| L5P40 | 10/18/90 | NS | NS | 1 | Chloroform | 7.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 7.90 CR | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 23.40 | 0.150 |
| L5P41 | 10/18/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.40 HB,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| L5P42 | 10/18/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|------------|-----------------|
| PRL L-5 | | | | | | | |
| L5P42 | 10/18/90 | NS | NS | 2 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| L5P43 | 10/18/90 | NS | NS | 1 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| L5P44 | 10/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 HB,DL | 3.00 |
| | | | | | Chloroform | 5.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.80 CR | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| | | | | | p-Xylene | 277.00 DL | 224.0 |
| | | | | | o-Xylene | 247.00 DL | 242.0 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 3.70 HB,DL | 3.00 |
| | | | | | Chloroform | 5.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.50 CR | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| L5P45 | 10/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.00 DL | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| L5P46 | 10/19/90 | NS | NS | 1 | Chloroform | 14.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 14.30 CR | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 53.40 | 0.150 |
| | | | | | Unknown-1 | 34.40 | NA |
| | | | | | Unknown-2 | 76600.00 | NA |
| | | | LD | 1 | Chloroform | 8.50 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P46 | 10/19/90 | NS | LD | 1 | 1,1,1-Trichloroethane | 8.50 CR | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 45.60 | 0.150 |
| | | | | | Unknown-1 | 28.50 | NA |
| | | | | | Unknown-2 | 74800.00 | NA |
| L5P47 | 10/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| L5P48 | 10/22/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 25.70 Q | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | | | | | Unknown-1 | 800.00 | NA |
| L5P49 | 10/22/90 | NS | NS | 1 | Chloroform | 83.30 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 83.30 CR | 6.400 |
| | | | | | Trichloroethene | 9.00 DL | 8.100 |
| | | | | | Tetrachloroethene | 811.00 | 1.500 |
| L5P50 | 10/22/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 18.00 HB,Q | 3.00 |
| | | | | | Chloroform | 184.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 184.00 CR | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 128.00 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 29.60 HB,Q | 3.00 |
| | | | | | Chloroform | 181.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 181.00 CR | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 129.00 | 0.150 |
| L5P51 | 10/22/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.30 HB,Q,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P51 | 10/22/90 | NS | NS | 2 | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| L5P52 | 10/23/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.80 HB,DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.70 Q,DL | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| L5P53 | 10/23/90 | NS | NS | 1 | Chloroform | 257.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 257.00 CR | 6.400 |
| | | | | | Trichloroethene | 14.10 Q,DL | 8.100 |
| | | | | | Tetrachloroethene | 598.00 | 1.500 |
| L5P54 | 10/23/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.80 Q,DL | 3.00 |
| | | | | | Chloroform | 3.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 Q,DL | 0.810 |
| | | | | | Tetrachloroethene | 3.40 | 0.150 |
| L5P55 | 10/23/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.80 HB,DL | 3.00 |
| | | | | | Chloroform | 6.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.80 CR | 0.640 |
| | | | | | Trichloroethene | 2.50 Q,DL | 0.810 |
| | | | | | Tetrachloroethene | 6.20 | 0.150 |
| L5P56 | 10/23/90 | NS | NS | 1 | Chloroform | 336.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 336.00 CR | 6.400 |
| | | | | | Trichloroethene | 14.70 Q,DL | 8.100 |
| | | | | | Tetrachloroethene | 1400.00 X | 1.500 |
| L5P57 | 10/23/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.30 HB,DL | 3.00 |
| | | | | | Chloroform | 11.90 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P57 | 10/23/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 11.90 CR | 0.640 |
| | | | | | Trichloroethene | 7.00 Q | 0.810 |
| | | | | | Tetrachloroethene | 4.30 | 0.150 |
| L5P58 | 10/23/90 | NS | NS | 1 | Chloroform | 15.20 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 15.20 CR | 1.600 |
| | | | | | Trichloroethene | 39.40 | 2.025 |
| | | | | | Tetrachloroethene | 255.00 | 0.375 |
| L5P59 | 10/26/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 13.40 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 5.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.20 CR | 0.640 |
| | | | | | Trichloroethene | 4.80 | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 12.40 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 4.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.50 CR | 0.640 |
| | | | | | Trichloroethene | 4.90 | 0.810 |
| | | | | | Tetrachloroethene | 2.80 | 0.150 |
| L5P63 | 10/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |
| | | | | | Chloroform | 3.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR | 0.640 |
| | | | | | Trichloroethene | 2.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| | | | | | Unknown-1 | 72.80 HB | NA |
| | | | LD | 2 | Total 1,2-Dichloroethene | 4.90 DL | 3.00 |
| | | | | | Chloroform | 3.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| | | | | | Unknown-1 | 72.80 HB | NA |
| L5P64 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.90 HB,DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P64 | 11/13/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| L5P65 | 11/13/90 | " | NS | 1 | Chloroform | 92.40 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 92.40 CR | 6.400 |
| | | | | | Trichloroethene | 96.50 | 8.100 |
| | | | | | Tetrachloroethene | 1110.00 | 1.500 |
| | | | LD | 1 | Chloroform | 90.60 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 90.60 CR | 6.400 |
| | | | | | Trichloroethene | 77.00 | 8.100 |
| | | | | | Tetrachloroethene | 1100.00 | 1.500 |
| L5P66 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.90 DL | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.80 | 0.150 |
| L5P67 | 11/13/90 | NS | NS | 1 | Chloroform | 4.60 HB,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.60 HB,CR | 0.640 |
| | | | | | Trichloroethene | 1.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 89.20 | 0.150 |
| L5P68 | 11/15/90 | NS | NS | 1 | Chloroform | 70.60 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 70.60 CR | 6.400 |
| | | | | | Trichloroethene | 3.70 DL | 8.100 |
| | | | | | Tetrachloroethene | 382.00 | 1.500 |
| L5P69 | 11/15/90 | NS | NS | 1 | Chloroform | 37.60 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 37.60 CR | 3.200 |
| | | | | | Trichloroethene | 5.50 DL | 4.050 |
| | | | | | Tetrachloroethene | 341.00 | 0.750 |
| | | | | | Unknown-1 | 373000.0 | NA |
| L5P70 | 11/15/90 | NS | NS | 2 | Chloroform | 195.00 CR | 1.600 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P70 | 11/15/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 195.00 CR | 1.600 |
| | | | | | Trichloroethene | 11.20 | 2.025 |
| | | | | | Tetrachloroethene | 200.00 | 0.375 |
| | | | | | | | |
| | | LD | LD | 2 | Chloroform | 191.00 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 191.00 CR | 1.600 |
| | | | | | Trichloroethene | 9.70 DL | 2.025 |
| | | | | | Tetrachloroethene | 203.00 | 0.375 |
| L5P71 | 11/15/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.60 Q,DL | 3.00 |
| | | | | | Chloroform | 1.70 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 DL,CR | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 5.90 | 0.150 |
| | | | | | | | |
| | | LD | LD | 1 | Total 1,2-Dichloroethene | 4.20 Q,DL | 3.00 |
| | | | | | Chloroform | 1.70 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 DL,CR | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 6.10 | 0.150 |
| | | | | | | | |
| L5P72 | 11/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.00 Q,DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 DL | 0.150 |
| | | FD | NS | 1 | Total 1,2-Dichloroethene | 17.40 | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | | | | | |
| L5P73 | 11/15/90 | NS | NS | 2 | Chloroform | 2.50 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 DL,CR | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 28.60 | 0.150 |
| | | | | | | | |
| L5P74 | 11/15/90 | NS | NS | 1 | Chloroform | 78.30 CR | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P74 | 11/15/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 78.30 CR | 6.400 |
| | | | | | Trichloroethene | 9.00 DL | 8.100 |
| | | | | | Tetrachloroethene | 430.00 | 1.500 |
| L5P75 | 11/16/90 | NS | NS | 1 | Chloroform | 79.80 CP,CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 79.80 CP,CR | 6.400 |
| | | | | | Trichloroethene | 15.30 DL | 8.100 |
| | | | | | Tetrachloroethene | 530.00 | 1.500 |
| | | | | | Unknown-1 | 78.10 CP | NA |
| L5P76 | 11/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.40 BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 8.40 | 0.150 |
| L5P77 | 11/16/90 | NS | NS | 2 | Chloroform | 55.90 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 55.90 CR | 6.400 |
| | | | | | Trichloroethene | 144.00 | 8.100 |
| | | | | | Tetrachloroethene | 888.00 | 1.500 |
| | | | | | Unknown-1 | 445.00 | NA |
| | | | LD | 2 | Chloroform | 53.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 53.00 CR | 6.400 |
| | | | | | Trichloroethene | 142.00 | 8.100 |
| | | | | | Tetrachloroethene | 883.00 | 1.500 |
| | | | | | Unknown-1 | 432.00 | NA |
| L5P78 | 11/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.70 HB,DL | 3.00 |
| | | | | | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 12.00 | 0.150 |
| L5P79 | 11/16/90 | NS | NS | 2 | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P79 | 11/16/90 | NS | NS | 2 | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 11.70 | 0.150 |
| | | | | | Unknown-1 | 55.10 | NA |
| L5P80 | 11/16/90 | NS | NS | 1 | Chloroform | 8.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.00 CR | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 62.40 | 0.150 |
| | | | | | Unknown-1 | 8.90 | NA |
| L5P81 | 11/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 93.00 CP | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| L5P82 | 11/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 42.90 CP | 3.00 |
| | | | | | Chloroform | 3.80 CR,BD | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.80 CR,BD | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| L5P83 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| L5P84 | 11/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.30 HB,DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| L5P85 | 11/14/90 | NS | NS | 2 | Chloroform | 78.00 BD,CR | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| LSP85 | 11/14/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 78.00 BD,CR | 6.400 |
| | | | | | Trichloroethene | 1550.00 X | 8.100 |
| | | | | | Tetrachloroethene | 6.60 DL | 1.500 |
| LSP86 | 11/14/90 | NS | NS | 2 | Chloroform | 49.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 49.00 CR | 6.400 |
| | | | | | Trichloroethene | 38800.00 X | 8.100 |
| | | | | | Tetrachloroethene | 107.00 | 1.500 |
| | | | | | Freon 113 | 2330.00 X | NA |
| LSP87 | 11/14/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.80 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 DL,CR | 0.640 |
| | | | | | Trichloroethene | 64.70 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 24.30 HB | 3.00 |
| | | | | | Chloroform | 1.40 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 DL,CR | 0.640 |
| | | | | | Trichloroethene | 63.70 | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| LSP88 | 11/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 14.90 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 9.80 | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| LSP89 | 11/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 27.50 HB,Q | 3.00 |
| | | | | | Chloroform | 4.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.20 CR | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| LSP90 | 11/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 13.30 Q,DL | 3.00 |
| | | | | | Chloroform | 4.50 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P90 | 11/13/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 4.50 CR | 0.640 |
| | | | | | Trichloroethene | 4.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 17.40 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 13.30 Q,DL | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 4.30 | 0.810 |
| | | | | | Tetrachloroethene | 18.10 | 0.150 |
| L5P91 | 11/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 DL | 0.150 |
| L5P92 | 11/14/90 | NS | NS | 2 | Chloroform | 4.00 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 4.00 CR,DL | 1.600 |
| | | | | | Trichloroethene | 26.10 | 2.025 |
| | | | | | Tetrachloroethene | 196.00 | 0.375 |
| L5P93 | 11/14/90 | NS | NS | 2 | Chloroform | 0.40 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 1.600 |
| | | | | | Trichloroethene | 33.10 | 2.025 |
| | | | | | Tetrachloroethene | 240.00 | 0.375 |
| | | | LD | 2 | Chloroform | 0.40 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 1.600 |
| | | | | | Trichloroethene | 29.20 | 2.025 |
| | | | | | Tetrachloroethene | 238.00 | 0.375 |
| L5P94 | 11/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 18.30 HB,Q | 3.00 |
| | | | | | Chloroform | 18.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 18.50 CR | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.70 | 0.150 |
| L5P95 | 11/14/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.60 HB,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|--------------------------|--------------------------|---------------|-----------------|
| PRL L-5 | | | | | | | |
| L5P95 | 11/14/90 | NS | NS | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 33.00 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | LD | 2 | Total 1,2-Dichloroethene | 8.40 HB,DL | 3.00 | |
| | | | | Chloroform | 0.50 CR,DL | 0.640 | |
| | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 | |
| | | | | Trichloroethene | 3.80 DL | 0.810 | |
| | | | | Tetrachloroethene | 0.70 DL | 0.150 | |
| | | | | | | | |
| L5P96 | 11/14/90 | NS | NS | 2 | Chloroform | 3.80 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 3.80 CR,DL | 6.400 |
| | | | | | Trichloroethene | 510.00 | 8.100 |
| | | | | | Tetrachloroethene | 42.50 | 1.500 |
| L5P97 | 11/14/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.70 HB,DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | | | | | | | |
| L5P99 | 11/15/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 17.40 Q | 3.00 |
| | | | | | Chloroform | 0.90 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 DL,CR | 0.640 |
| | | | | | Trichloroethene | 39.90 | 0.810 |
| | | | | | Tetrachloroethene | 3.90 | 0.150 |
| L5P100 | 11/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.40 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 DL,CR | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| L5P101 | 11/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 10.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P101 | 11/12/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 60.90 | 0.810 |
| | | | | | Tetrachloroethene | 3.10 | 0.150 |
| L5P102 | 11/12/90 | NS | NS | 1 | Chloroform | 6.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 6.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 459.00 | 4.050 |
| | | | | | Tetrachloroethene | 23.50 | 0.750 |
| | | | LD | 1 | Chloroform | 4.40 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 4.40 CR,DL | 3.200 |
| | | | | | Trichloroethene | 422.00 | 4.050 |
| | | | | | Tetrachloroethene | 21.40 | 0.750 |
| L5P103 | 11/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 25.70 Q | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 14.50 | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 24.70 Q | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 14.30 | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| L5P104 | 11/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.60 HB,DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 6.60 HB,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| L5P105 | 11/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.70 HB,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P105 | 11/15/90 | NS | NS | 2 | Chloroform | 0.80 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 DL,CR | 0.640 |
| | | | | | Trichloroethene | 64.50 | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| L5P106 | 11/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 11.10 HB,DL | 3.00 |
| | | | | | Chloroform | 9.00 CR,BC | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.00 CR,BC | 0.640 |
| | | | | | Trichloroethene | 18.30 | 0.810 |
| | | | | | Tetrachloroethene | 5.50 BC | 0.150 |
| L5P107 | 11/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.60 DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 19.90 | 0.810 |
| | | | | | Tetrachloroethene | 0.80 DL | 0.150 |
| L5P108 | 11/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.60 Q,DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| L5P109 | 11/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 26.60 Q,DL | 30.00 |
| | | | | | Chloroform | 21.60 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 21.60 CR,DL | 6.400 |
| | | | | | Trichloroethene | 4540.00 X | 8.100 |
| | | | | | Tetrachloroethene | 98.60 | 1.500 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 29.60 Q,DL | 30.00 |
| | | | | | Chloroform | 12.20 DL,CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 12.20 DL,CR | 6.400 |
| | | | | | Trichloroethene | 4500.00 X | 8.100 |
| | | | | | Tetrachloroethene | 110.00 | 1.500 |
| L5P110 | 11/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.90 DL | 3.00 |
| | | | | | Chloroform | 0.50 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-: | | | | | | | |
| L5P110 | 11/15/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 DL | 0.150 |
| L5P111 | 11/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |
| | | | | | Chloroform | 0.80 DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 DL,CR | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 DL | 0.150 |
| L5P112 | 11/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.20 HB,DL | 7.50 |
| | | | | | Chloroform | 2.50 DL,BD | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.50 DL,BD | 1.600 |
| | | | | | Trichloroethene | 127.00 | 2.025 |
| | | | | | Tetrachloroethene | 64.50 | 0.375 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 7.20 HB,DL | 7.50 |
| | | | | | Chloroform | 1.30 DL,CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 1.30 DL,CR | 1.600 |
| | | | | | Trichloroethene | 133.00 | 2.025 |
| | | | | | Tetrachloroethene | 68.20 | 0.375 |
| L5P113 | 12/07/90 | NS | NS | 1 | Chloroform | 69.50 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 69.50 CR | 3.200 |
| | | | | | Trichloroethene | 39.50 | 4.050 |
| | | | | | Tetrachloroethene | 460.00 | 0.750 |
| L5P114 | 12/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.00 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| L5P116 | 12/07/90 | NS | NS | 1 | Chloroform | 61.30 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 61.30 CR | 1.600 |
| | | | | | Trichloroethene | 8.80 DL | 2.025 |
| | | | | | Tetrachloroethene | 281.00 | 0.375 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P117 | 12/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 9.40 DL | 3.00 |
| | | | | | Chloroform | 9.90 CR,BC | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.90 CR,BC | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 5.80 BC | 0.150 |
| L5P118 | 12/06/90 | NS | NS | 1 | Chloroform | 6.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.20 CR | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 20.20 | 0.150 |
| L5P119 | 12/05/90 | NS | NS | 2 | Chloroform | 5.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.40 CR | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 69.40 | 0.150 |
| L5P120 | 12/07/90 | NS | NS | 1 | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.40 | 0.810 |
| | | | | | Tetrachloroethene | 21.20 | 0.150 |
| L5P122 | 12/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.80 BD,Q,DL | 3.00 |
| | | | | | Chloroform | 4.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.30 CR | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 BD | 0.150 |
| L5P123 | 12/06/90 | NS | NS | 2 | Chloroform | 102.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 102.00 CR | 0.640 |
| | | | | | Trichloroethene | 5.90 | 0.810 |
| | | | | | Tetrachloroethene | 38.00 | 0.150 |
| L5P124 | 12/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 13.40 Q,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P124 | 12/06/90 | NS | NS | 2 | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 19.60 | 0.810 |
| | | | | | Tetrachloroethene | 8.30 | 0.150 |
| L5P125 | 12/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.70 DL | 3.00 |
| | | | | | Chloroform | 7.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 7.20 CR | 0.640 |
| | | | | | Trichloroethene | 1.60 BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 5.20 | 0.150 |
| L5P128 | 12/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 11.70 DL | 3.00 |
| | | | | | Chloroform | 6.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.10 CR | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| L5P129 | 12/05/90 | NS | NS | 2 | Chloroform | 15.90 CR,HB | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 15.90 CR,HB | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 118.00 | 0.150 |
| L5P130 | 12/05/90 | NS | NS | 1 | Chloroform | 1.90 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 1.600 |
| | | | | | Trichloroethene | 1.60 DL | 2.025 |
| | | | | | Tetrachloroethene | 16.50 | 0.375 |
| | | | | | Toluene | 352.00 DL | 317.5 |
| | | | | | Unknown-1 | 116.00 | NA |
| L5P131 | 12/05/90 | NS | NS | 1 | Chloroform | 29.00 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 29.00 CR | 3.200 |
| | | | | | Trichloroethene | 33.80 | 4.050 |
| | | | | | Tetrachloroethene | 351.00 | 0.750 |
| | | | | | Unknown-1 | 391.00 | NA |
| | 12/05/90 | FD | NS | 1 | Chloroform | 29.20 CR | 3.200 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P131 | 12/05/90 | FD | NS | 1 | 1,1,1-Trichloroethane | 29.20 CR | 3.200 |
| | | | | | Trichloroethene | 33.60 | 4.050 |
| | | | | | Tetrachloroethene | 361.00 | 0.750 |
| | | | | | Unknown-1 | 390.00 | NA |
| | | | LD | 1 | Chloroform | 24.60 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 24.60 CR | 3.200 |
| | | | | | Trichloroethene | 32.90 | 4.050 |
| | | | | | Tetrachloroethene | 351.00 | 0.750 |
| | | | | | Unknown-1 | 382.00 | NA |
| L5P132 | 12/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.30 DL | 3.00 |
| | | | | | Chloroform | 9.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.00 CR | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| L5P133 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 28.90 HB,Q,DL | 7.50 |
| | | | | | Chloroform | 4.00 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 4.00 CR,DL | 1.600 |
| | | | | | Trichloroethene | 220.00 | 2.025 |
| | | | | | Tetrachloroethene | 6.40 | 0.375 |
| | 12/04/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 23.10 DL | 7.50 |
| | | | | | Chloroform | 3.60 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR,DL | 1.600 |
| | | | | | Trichloroethene | 227.00 | 2.025 |
| | | | | | Tetrachloroethene | 5.00 | 0.375 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 24.20 DL | 7.50 |
| | | | | | Chloroform | 3.50 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR,DL | 1.600 |
| | | | | | Trichloroethene | 223.00 | 2.025 |
| | | | | | Tetrachloroethene | 6.30 | 0.375 |
| L5P134 | 12/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 64.80 DL | 30.00 |
| | | | | | Chloroform | 116.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 116.00 CR | 6.400 |
| | | | | | Trichloroethene | 4310.00 | 8.100 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P134 | 12/06/90 | NS | NS | 1 | Tetrachloroethene | 15.10 | 1.500 |
| | | | | | Benzene | 804.00 DL | 2520.0 |
| | | | | | Toluene | 593.00 DL | 1270.0 |
| | | | | | Unknown-1 | 573.00 | NA |
| | | | | | Unknown-2 | 493.00 | NA |
| | | | | | Unknown-3 | 488.00 | NA |
| | | | LD | 1 | Total 1,2-Dichloroethene | 60.50 DL | 30.00 |
| | | | | | Chloroform | 98.70 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 98.70 CR | 6.400 |
| | | | | | Trichloroethene | 3550.00 | 8.100 |
| | | | | | Tetrachloroethene | 9.20 | 1.500 |
| | | | | | Benzene | 1280.00 HB,DL | 2520.0 |
| | | | | | Toluene | 868.00 HB,DL | 1270.0 |
| | | | | | Unknown-1 | 1175.00 HB | NA |
| | | | | | Unknown-2 | 1840.00 HB | NA |
| | | | | | Unknown-3 | 1850.00 HB | NA |
| L5P135 | 12/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 22.70 | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 118.00 | 0.810 |
| | | | | | Tetrachloroethene | 7.10 | 0.150 |
| L5P136 | 12/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 11.70 BD,Q,DL | 3.00 |
| | | | | | Chloroform | 8.30 CR,BD | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.30 CR,BD | 0.640 |
| | | | | | Trichloroethene | 4.60 BD | 0.810 |
| | | | | | Tetrachloroethene | 3.20 BD | 0.150 |
| L5P137 | 12/06/90 | NS | NS | 1 | Chloroform | 2.70 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 1.600 |
| | | | | | Trichloroethene | 186.00 | 2.025 |
| | | | | | Tetrachloroethene | 22.00 | 0.375 |
| L5P138 | 12/06/90 | NS | NS | 1 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P138 | 12/06/90 | NS | NS | 1 | Tetrachloroethene | 1.10 | 0.150 |
| L5P139 | 12/06/90 | NS | NS | 2 | Chloroform | 3.50 CR,BD | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR,BD | 0.640 |
| | | | | | Trichloroethene | 1.40 BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| | | | | | p-Xylene | 273.00 DL | 224.0 |
| | 12/06/90 | FD | NS | 2 | Chloroform | 2.70 CR,BD,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,BD,DL | 0.640 |
| | | | | | Trichloroethene | 8.70 BD | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| L5P140 | 12/05/90 | NS | NS | 1 | Chloroform | 6.40 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 6.40 CR,DL | 6.400 |
| | | | | | Trichloroethene | 326.00 | 8.100 |
| | | | | | Tetrachloroethene | 1240.00 | 1.500 |
| L5P141 | 12/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.60 DL | 3.00 |
| | | | | | Chloroform | 4.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.60 CR | 0.640 |
| | | | | | Trichloroethene | 5.90 | 0.810 |
| | | | | | Tetrachloroethene | 2.70 | 0.150 |
| L5P144 | 12/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.00 BD,DL | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 9.10 | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 10.40 DL | 3.00 |
| | | | | | Chloroform | 4.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.80 CR | 0.640 |
| | | | | | Trichloroethene | 8.80 | 0.810 |
| | | | | | Tetrachloroethene | 4.80 | 0.150 |
| L5P145 | 12/05/90 | NS | NS | 1 | Chloroform | 172.00 CR | 6.400 |

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TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|----------------|--------------------|
| PRL L-5 | | | | | | | |
| L5P145 | 12/05/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 172.00 CR | 6.400 |
| | | | | | Trichloroethene | 41500.00 X | 8.100 |
| | | | | | Tetrachloroethene | 182.00 | 1.500 |
| L5P146 | 12/04/90 | NS | NS | 1 | Chloroform | 17.90 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 17.90 CP,DL | 6.400 |
| | | | | | Trichloroethene | 2170.00 X | 8.100 |
| | | | | | Tetrachloroethene | 15.00 | 1.500 |
| L5P147 | 11/30/90 | NS | NS | 2 | Chloroform | 20.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 20.00 CR | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 29.40 | 0.150 |
| L5P148 | 12/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 79.70 HB,Q | 3.00 |
| | | | | | Chloroform | 4.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.40 CR | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 DL | 0.150 |
| L5P149 | 12/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 85.50 HB,Q | 3.00 |
| | | | | | Chloroform | 4.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.40 CR | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 DL | 0.150 |
| PRL L-6 | | | | | | | |
| L6P01 | 10/29/90 | NS | NS | 1 | Chloroform | 21.10 HB,CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 21.10 HB,CR,DL | 6.400 |
| | | | | | Trichloroethene | 74000.00 | 8.100 |
| | | | | | Tetrachloroethene | 43600.00 | 1.500 |
| | | | | | Toluene | 7210.00 DL | 1270.0 |
| | | | | | p-Xylene | 17500.00 | 2240.0 |
| | | | | | Unknown-1 | 15800.00 | NA |
| | | | | | Unknown-2 | 39400.00 | NA |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P02 | 10/24/90 | NS | NS | 1 | Chloroform | 113.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 117.00 CR | 6.400 |
| | | | | | Trichloroethene | 51000.00 | 8.100 |
| | | | | | Tetrachloroethene | 37300.00 | 1.500 |
| | | | | | p-Xylene | 11000.00 DL | 2240.0 |
| | | | | | o-Xylene | 11700.00 DL | 2420.0 |
| | | | | | Unknown Hydrocarbon-1 | 25800.00 | NA |
| L6P03 | 10/24/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 28.20 DL | 30.00 |
| | | | | | Chloroform | 19.20 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 19.20 CR,DL | 6.400 |
| | | | | | Trichloroethene | 88.40 | 8.100 |
| | | | | | Tetrachloroethene | 1270.00 | 1.500 |
| L6P04 | 10/24/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 18.80 HB,DL | 30.00 |
| | | | | | Chloroform | 3.90 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR,DL | 6.400 |
| | | | | | Trichloroethene | 83.80 | 8.100 |
| | | | | | Tetrachloroethene | 803.00 | 1.500 |
| L6P05 | 10/24/90 | NS | NS | 1 | Chloroform | 9.80 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 9.80 CR,DL | 3.200 |
| | | | | | Trichloroethene | 35.00 | 4.050 |
| | | | | | Tetrachloroethene | 205.00 | 0.750 |
| | | | LD | 1 | Chloroform | 12.20 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 12.20 CR,DL | 3.200 |
| | | | | | Trichloroethene | 60.30 | 4.050 |
| | | | | | Tetrachloroethene | 393.00 | 0.750 |
| L6P06 | 10/24/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.40 Q,DL | 15.00 |
| | | | | | Chloroform | 10.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 10.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 47.10 | 4.050 |
| | | | | | Tetrachloroethene | 570.00 | 0.750 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P07 | 10/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 14.10 Q,DL | 7.50 |
| | | | | | Chloroform | 6.00 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 6.00 CR,DL | 1.600 |
| | | | | | Trichloroethene | 5.20 DL | 2.025 |
| | | | | | Tetrachloroethene | 35.20 | 0.375 |
| L6P08 | 10/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 10.00 DL | 3.00 |
| | | | | | Chloroform | 13.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 13.40 CR | 0.640 |
| | | | | | Trichloroethene | 3.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.30 | 0.150 |
| L6P09 | 10/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.80 DL | 3.00 |
| | | | | | Chloroform | 4.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.30 CR | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.70 | 0.150 |
| L6P10 | 10/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.60 DL | 3.00 |
| | | | | | Chloroform | 5.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.10 CR | 0.640 |
| | | | | | Trichloroethene | 3.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| L6P11 | 10/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.20 DL | 3.00 |
| | | | | | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| L6P12 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.90 HB,DL | 3.00 |
| | | | | | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.30 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P12 | 11/13/90 | NS | NS | 2 | Tetrachloroethene | 1.40 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 6.30 HB,DL | 3.00 |
| | | | | | Chloroform | 5.10 LS,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.10 LS,CR | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| L6P13 | 10/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.60 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| L6P14 | 10/26/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.80 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| L6P15 | 10/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.60 Q,DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| L6P16 | 10/29/90 | NS | NS | 2 | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.40 | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| L6P17 | 10/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.40 HB,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P18 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 29.80 Q | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| | | | | | p-Xylene | 286.00 DL | 224.0 |
| L6P19 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 25.00 Q | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| L6P20 | 10/29/90 | NS | NS | 2 | Chloroform | 9.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.80 CR | 0.640 |
| | | | | | Trichloroethene | 18.10 | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| L6P21 | 10/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| L6P22 | 10/29/90 | NS | NS | 2 | Chloroform | 15.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 15.80 CR | 0.640 |
| | | | | | Trichloroethene | 147.00 | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| L6P23 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 105.00 HB | 3.00 |
| | | | | | Chloroform | 0.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.10 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| L6P24 | 10/26/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.70 HB,Q,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P24 | 10/26/90 | NS | NS | 2 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.20 | 0.150 |
| | | | | | Unknown-1 | 5.60 | NA |
| | 10/26/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 8.40 DI. | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| | | | | | Unknown-1 | 5.10 | NA |
| L6P25 | 10/26/90 | NS | NS | 1 | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| L6P26 | 10/26/90 | NS | NS | 2 | Chloroform | 12.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 12.30 CR | 0.640 |
| | | | | | Trichloroethene | 51.00 | 0.810 |
| | | | | | Tetrachloroethene | 3.00 | 0.150 |
| | | | | | Unknown-1 | 110.00 | NA |
| L6P27 | 10/26/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| L6P28 | 10/26/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 11.20 Q,DL | 3.00 |
| | | | | | Chloroform | 3.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| L6P30 | 10/24/90 | NS | NS | 1 | Chloroform | 38.60 HB,CR | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P30 | 10/24/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 38.60 HB,CR | 6.400 |
| | | | | | Trichloroethene | 19500.00 HB | 8.100 |
| | | | | | Tetrachloroethene | 21200.00 HB | 1.500 |
| | | | | | Toluene | 350000.0 | 1270.0 |
| | | | | | p-Xylene | 24300.00 | 2240.0 |
| | | | | | o-Xylene | 11400.00 DL | 2420.0 |
| L6P31 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.60 HB,DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.10 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 8.60 HB,DL | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| L6P32 | 11/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 13.60 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| L6P33 | 11/13/90 | NS | NS | 2 | Chloroform | 6.50 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 6.50 CR,DL | 3.200 |
| | | | | | Trichloroethene | 479.00 | 4.050 |
| | | | | | Tetrachloroethene | 34.60 | 0.750 |
| L6P34 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 18.00 HB,DL | 7.50 |
| | | | | | Chloroform | 1.60 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 1.600 |
| | | | | | Trichloroethene | 95.90 | 2.025 |
| | | | | | Tetrachloroethene | 165.00 | 0.375 |
| | | | | | Unknown-1 | 462.00 X | NA |
| | 11/13/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 15.80 HB,DL | 7.50 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P34 | 11/13/90 | FD | NS | 2 | Chloroform | 1.20 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 1.600 |
| | | | | | Trichloroethene | 120.00 | 2.025 |
| | | | | | Tetrachloroethene | 220.00 | 0.375 |
| | | | | | Unknown-1 | 480.00 X | NA |
| L6P35 | 11/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 38.90 HB,Q | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 46.20 | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | | | | | Unknown-1 | 1400.00 | NA |
| | | | | | Unknown-2 | 867.00 | NA |
| L6P36 | 12/03/90 | NS | NS | 2 | Unknown-3 | 774.00 | NA |
| | | | | | Total 1,2-Dichloroethene | 16.70 Q,DL | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.10 DL | 0.810 |
| L6P37 | 11/12/90 | NS | NS | 1 | Tetrachloroethene | 2.10 | 0.150 |
| | | | | | Total 1,2-Dichloroethene | 32.30 Q | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| L6P38 | 11/12/90 | NS | NS | 2 | Tetrachloroethene | 0.80 | 0.150 |
| | | | | | Unknown-1 | 1370.00 | NA |
| | | | | | Unknown-2 | 1280.00 | NA |
| | | | | | Unknown-3 | 982.00 | NA |
| | | | | | Total 1,2-Dichloroethene | 550.00 | 15.00 |
| | | | | | Chloroform | 10.50 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 10.50 CR,DL | 3.200 |
| | | | | | Trichloroethene | 24.00 | 4.050 |
| | | | | | Tetrachloroethene | 2.40 DL | 0.750 |
| | | | | | Unknown-1 | 23000.00 | NA |
| | | | | | Unknown-2 | 10700.00 | NA |
| | | | | | | | |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P38 | 11/12/90 | NS | NS | 2 | Unknown-3 | 12300.00 | NA |
| L6P39 | 11/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 29.90 DL | 30.00 |
| | | | | | Chloroform | 79.40 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 79.40 CR | 6.400 |
| | | | | | Trichloroethene | 19600.00 X | 8.100 |
| | | | | | Tetrachloroethene | 17100.00 X | 1.500 |
| L6P40 | 11/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.20 Q,DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| L6P41 | 11/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 16.60 HB,Q | 3.00 |
| | | | | | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| | | | | | p-Xylene | 3080.00 | 224.0 |
| | | | | | Unknown-1 | 8840.00 | NA |
| | | | | | Unknown-2 | 4910.00 | NA |
| | | | | | Unknown-3 | 5950.00 | NA |
| L6P42 | 12/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 63.50 HB,Q | 7.50 |
| | | | | | Chloroform | 12.10 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 12.10 CR | 1.600 |
| | | | | | Trichloroethene | 242.00 | 2.025 |
| | | | | | Tetrachloroethene | 12.40 | 0.375 |
| L6P43 | 12/03/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.20 HB,Q,DL | 7.50 |
| | | | | | Chloroform | 2.30 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 1.600 |
| | | | | | Trichloroethene | 98.70 | 2.025 |
| | | | | | Tetrachloroethene | 11.00 | 0.375 |
| L6P44 | 12/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 226.00 HB,Q | 7.50 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|----------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P44 | 12/03/90 | NS | NS | 1 | Chloroform | 7.50 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 7.50 CR,DL | 1.600 |
| | | | | | Trichloroethene | 219.00 | 2.025 |
| | | | | | Tetrachloroethene | 71.50 | 0.375 |
| | 12/03/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 215.00 HB,Q,DL | 7.50 |
| | | | | | Chloroform | 8.90 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 8.90 CR | 1.600 |
| | | | | | Trichloroethene | 176.00 | 2.025 |
| | | | | | Tetrachloroethene | 70.00 | 0.375 |
| L6P45 | 12/03/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.20 DL | 7.50 |
| | | | | | Chloroform | 2.70 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 1.600 |
| | | | | | Trichloroethene | 213.00 | 2.025 |
| | | | | | Tetrachloroethene | 65.50 | 0.375 |
| | | | | | p-Xylene | 672.00 DL | 560.0 |
| L6P46 | 12/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 68.80 HB,Q | 3.00 |
| | | | | | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 159.00 HB,Q | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| L6P47 | 12/03/90 | NS | NS | 2 | Chloroform | 8.20 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 8.20 CR,DL | 3.200 |
| | | | | | Trichloroethene | 280.00 | 4.050 |
| | | | | | Tetrachloroethene | 122.00 | 0.750 |
| L6P48 | 12/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.00 DL | 3.00 |
| | | | | | Chloroform | 4.70 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL L-6 | | | | | | | |
| L6P48 | 12/07/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 4.70 CR | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| PRL P-2 | | | | | | | |
| P2P02 | 10/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 16.00 | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.30 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 13.40 DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| P2P04 | 10/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.80 DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | 10/04/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 4.80 DL | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| P2P05 | 10/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.70 DL | 3.00 |
| | | | | | Chloroform | 4.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.90 CR | 0.640 |
| | | | | | Trichloroethene | 13.70 | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 6.80 DL | 3.00 |
| | | | | | Chloroform | 4.50 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL P-2 | | | | | | | |
| P2P05 | 10/04/90 | NS | LD | 1 | 1,1,1-Trichloroethane | 4.50 CR | 0.640 |
| | | | | | Trichloroethene | 12.50 | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| P2P06 | 10/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.90 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 11.00 | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| P2P08 | 10/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.90 HB,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| PRL P-9 | | | | | | | |
| P9P01 | 10/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.40 DL | 3.00 |
| | | | | | Chloroform | 9.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.80 CR | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| P9P03 | 10/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.10 DL | 3.00 |
| | | | | | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.80 | 0.810 |
| | | | | | Tetrachloroethene | 2.80 | 0.150 |
| P9P04 | 10/09/90 | NS | NS | 1 | Chloroform | 17.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 17.80 CR | 0.640 |
| | | | | | Trichloroethene | 44.80 | 0.810 |
| | | | | | Tetrachloroethene | 26.80 | 0.150 |
| | | | LD | 1 | Chloroform | 17.60 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL P-9 | | | | | | | |
| P9P04 | 10/09/90 | NS | LD | 1 | 1,1,1-Trichloroethane | 17.60 CR | 0.640 |
| | | | | | Trichloroethene | 48.20 | 0.810 |
| | | | | | Tetrachloroethene | 31.20 | 0.150 |
| P9P05 | 10/08/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.50 DL | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| | | | | | p-Xylene | 500.00 BD,DL | 224.0 |
| | | | | | o-Xylene | 590.00 BD,DL | 242.0 |
| P9P08 | 10/08/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.10 DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | | | p-Xylene | 653.00 DL | 224.0 |
| | | | | | o-Xylene | 239.00 DL | 242.0 |
| P9P09 | 10/08/90 | NS | NS | 1 | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | | | LD | 2 | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| | | | | | p-Xylene | 156.00 DL | 224.0 |
| P9P10 | 10/08/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.80 DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| P9P11 | 10/23/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 14.70 HB | 3.00 |

(Continued)

RADIAN CORPORATION

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL P-9 | | | | | | | |
| P9P11 | 10/23/90 | NS | NS | 1 | Chloroform | 4.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.80 CR | 0.640 |
| | | | | | Trichloroethene | 5.10 Q | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| P9P12 | 10/23/90 | NS | NS | 1 | Chloroform | 3.20 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CR,DL | 6.400 |
| | | | | | Trichloroethene | 230.00 Q | 8.100 |
| | | | | | Tetrachloroethene | 180.00 | 1.500 |
| P9P13 | 11/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.60 DL | 3.00 |
| | | | | | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 27.40 | 0.810 |
| | | | | | Tetrachloroethene | 16.60 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 8.60 DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 27.60 | 0.810 |
| | | | | | Tetrachloroethene | 15.90 | 0.150 |
| P9P14 | 11/27/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 32.00 BD | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.60 | 0.150 |
| PRL S-5 | | | | | | | |
| S5P01 | 11/02/90 | NS | NS | 2 | Chloroform | 61.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 61.00 CR | 6.400 |
| | | | | | Trichloroethene | 4730.00 X | 8.100 |
| | | | | | Tetrachloroethene | 210.00 | 1.500 |
| | 11/02/90 | FD | NS | 1 | Chloroform | 53.80 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 53.80 CR | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL S-5 | | | | | | | |
| S5P01 | 11/02/90 | FD | NS | 1 | Trichloroethene | 4780.00 | 8.100 |
| | | | | | Tetrachloroethene | 282.00 | 1.500 |
| S5P02 | 11/02/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.10 DL | 15.00 |
| | | | | | Chloroform | 5.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 5.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 487.00 | 4.050 |
| | | | | | Tetrachloroethene | 44.00 | 0.750 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 33.00 HB,DL | 15.00 |
| | | | | | Chloroform | 6.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 6.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 478.00 | 4.050 |
| | | | | | Tetrachloroethene | 44.50 | 0.750 |
| S5P03 | 11/02/90 | NS | NS | 2 | Chloroform | 3.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 300.00 | 4.050 |
| | | | | | Tetrachloroethene | 30.50 | 0.750 |
| S5P04 | 11/02/90 | NS | NS | 1 | Chloroform | 9.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 9.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1750.00 X | 8.100 |
| | | | | | Tetrachloroethene | 32.90 | 1.500 |
| | | | LD | 1 | Chloroform | 11.20 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 11.20 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1960.00 X | 8.100 |
| | | | | | Tetrachloroethene | 34.80 | 1.500 |
| S5P05 | 11/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 20.90 DL | 30.00 |
| | | | | | Chloroform | 2.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 804.00 | 8.100 |
| | | | | | Tetrachloroethene | 74.10 | 1.500 |
| PRL S-13 | | | | | | | |
| S13P01 | 11/02/90 | NS | NS | 2 | Chloroform | 1.60 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL S-13 | | | | | | | |
| S13P01 | 11/02/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 24.70 | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| S13P02 | 11/02/90 | NS | NS | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| | 11/02/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 11.10 DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| S13P03 | 11/05/90 | NS | NS | 2 | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| S13P04 | 11/02/90 | NS | NS | 1 | Chloroform | 11.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 11.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1850.00 X | 8.100 |
| | | | | | Tetrachloroethene | 9.60 | 1.500 |
| S13P05 | 11/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 23.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 23.90 CR | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| S13P06 | 11/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.50 | 0.150 |
| S13P07 | 11/05/90 | NS | NS | 1 | Chloroform | 52.00 CR | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PKL S-13 | | | | | | | |
| S13P07 | 11/05/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 52.00 CR | 6.400 |
| | | | | | Trichloroethene | 6020.00 X | 8.100 |
| | | | | | Tetrachloroethene | 7110.00 X | 1.500 |
| | 11/05/90 | FD | NS | 1 | Chloroform | 31.40 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 31.40 CR,DL | 6.400 |
| | | | | | Trichloroethene | 5980.00 X | 8.100 |
| S13P08 | 11/05/90 | NS | NS | 2 | Tetrachloroethene | 7460.00 X | 1.500 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 17.10 | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| | | | | | | | |
| S13P09 | 11/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 BD,DL | 0.150 |
| | | | | | | | |
| S13P10 | 11/02/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 15.20 | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 26.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | | | |
| S13P11 | 11/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.10 Q,DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| | | | | | | | |
| S13P12 | 11/05/90 | NS | NS | 2 | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | | | | | |
| | | | | | | | |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-13 | | | | | | | |
| S13P13 | 11/05/90 | NS | NS | 2 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 121.00 | 0.810 |
| | | | | | Tetrachloroethene | 38.60 | 0.150 |
| S13P14 | 11/06/90 | NS | NS | 2 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 11.70 | 0.810 |
| | | | | | Tetrachloroethene | 13.00 | 0.150 |
| | | | LD | 2 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 11.80 | 0.810 |
| | | | | | Tetrachloroethene | 12.90 | 0.150 |
| S13P15 | 11/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.00 Q,DL | 3.00 |
| | | | | | Chloroform | 6.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.00 CR | 0.640 |
| | | | | | Trichloroethene | 27.00 | 0.810 |
| | | | | | Tetrachloroethene | 27.50 | 0.150 |
| S13P16 | 11/02/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 21.30 | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| S13P17 | 11/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.60 Q,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| S13P18 | 11/05/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL S-13 | | | | | | | |
| S13P18 | 11/05/90 | NS | NS | 2 | Trichloroethene | 3.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| S13P19 | 11/27/90 | NS | NS | 2 | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| | | | | | p-Xylene | 301.00 DL | 224.0 |
| | | | | | o-Xylene | 212.00 DL | 242.0 |
| S13P21 | 11/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 39.10 Q | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 25.80 | 0.150 |
| S13P22 | 11/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 12.00 DL | 3.00 |
| | | | | | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 3.70 | 0.150 |
| S13P23 | 11/27/90 | NS | NS | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| S13P24 | 11/27/90 | NS | NS | 2 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.10 DL,BD | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| S13P25 | 11/26/90 | NS | NS | 2 | Chloroform | 0.50 DL,Q,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 DL,Q,CR | 0.640 |
| | | | | | Trichloroethene | 2.40 BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|-----------------------|--------------|----------------|--------------|------------|--------------------------|-------------|-----------------|
| PRL S-13 | | | | | | | |
| S13P26 | 11/27/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.00 BD,DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | 11/27/90 | FD | NS | 2 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | S13P27 | 11/27/90 | NS | NS | 2 | Chloroform | 1.90 CR,DL |
| 1,1,1-Trichloroethane | | | | | | 1.90 CR,DL | 0.640 |
| Trichloroethene | | | | | | 2.10 DL | 0.810 |
| Tetrachloroethene | | | | | | 1.80 | 0.150 |
| S13P28 | 11/27/90 | NS | NS | 2 | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| S13P30 | 11/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 12.90 DL | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| PRL S-28 | | | | | | | |
| S28P01 | 09/24/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.20 DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.10 | 0.810 |
| | | | | | Tetrachloroethene | 2.80 | 0.150 |
| | | | | | p-xylene | 93.00 BC,DL | 224.0 |
| S28P03 | 09/24/90 | NS | NS | 1 | Chloroform | 13.70 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL S-28 | | | | | | | |
| S28P03 | 09/24/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 13.70 CR | 0.640 |
| | | | | | Trichloroethene | 6.90 | 0.810 |
| | | | | | Tetrachloroethene | 8.40 | 0.150 |
| | | | | | p-Xylene | 103.00 BC,DL | 224.0 |
| | | | | | Freon 113 | 40600.00 | NA |
| | | | LD | 1 | Chloroform | 10.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 10.60 CR | 0.640 |
| | | | | | Trichloroethene | 1.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 7.40 | 0.150 |
| | | | | | Freon 113 | 39000.00 | NA |
| S28P04 | 09/24/90 | NS | NS | 1 | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.90 | 0.150 |
| | | | | | p-Xylene | 206.00 BC,DL | 224.0 |
| PRL S-29 | | | | | | | |
| S29P02 | 11/01/90 | NS | NS | 1 | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 52.40 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| S29P03 | 11/01/90 | NS | NS | 2 | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 23.70 | 0.810 |
| | | | | | Tetrachloroethene | 9.30 | 0.150 |
| S29P04 | 11/02/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.40 DL | 3.00 |
| | | | | | Chloroform | 6.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.50 CR | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| S29P05 | 11/01/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 DL | 3.00 |

(Continued)



TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-29 | | | | | | | |
| S29P05 | 11/01/90 | NS | NS | 2 | Chloroform | 4.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.10 CR | 0.640 |
| | | | | | Trichloroethene | 49.30 | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| S29P06 | 11/01/90 | NS | NS | 2 | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 72.50 | 0.810 |
| | | | | | Tetrachloroethene | 13.50 | 0.150 |
| | | | LD | 2 | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 68.00 | 0.810 |
| | | | | | Tetrachloroethene | 13.80 | 0.150 |
| S29P07 | 11/01/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.90 DL | 3.00 |
| | | | | | Chloroform | 5.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.30 CR | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| S29P08 | 11/01/90 | NS | NS | 1 | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 38.20 | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| | | | LD | 1 | Chloroform | 3.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CR | 0.640 |
| | | | | | Trichloroethene | 35.30 | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| S29P09 | 11/01/90 | NS | NS | 2 | Chloroform | 3.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| S29P10 | 11/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.40 DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-29 | | | | | | | |
| S29P10 | 11/20/90 | NS | NS | 1 | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 14.90 | 0.150 |
| | | | | | Toluene | 933.00 DL | 127.0 |
| | | LD | LD | 1 | Total 1,2-Dichloroethene | 23.90 | 3.00 |
| | | | | | Chloroform | 3.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.70 CR | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 14.30 | 0.150 |
| | | | | | Toluene | 1010.00 DL | 127.0 |
| S29P11 | 11/20/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.10 BD,DL | 3.00 |
| | | | | | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| S29P12 | 11/20/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 17.80 HB | 3.00 |
| | | | | | Chloroform | 3.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | 11/20/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 9.40 HB,DL | 3.00 |
| | | | | | Chloroform | 4.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.40 CR | 0.640 |
| | | | | | Trichloroethene | 5.60 BD | 0.810 |
| | | | | | Tetrachloroethene | 3.20 BD | 0.150 |
| S29P13 | 11/20/90 | NS | NS | 2 | Chloroform | 77.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 77.60 CR | 0.640 |
| | | | | | Trichloroethene | 8.50 | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| S29P14 | 11/21/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 13.60 DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-29 | | | | | | | |
| S29P14 | 11/21/90 | NS | NS | 2 | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| | | | | | Toluene | 980.00 DL | 127.0 |
| S29P15 | 11/21/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 DL | 0.150 |
| S29P16 | 12/07/90 | NS | NS | 1 | Chloroform | 69.40 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 69.40 CR | 6.400 |
| | | | | | Trichloroethene | 7520.00 X | 8.100 |
| | | | | | Tetrachloroethene | 1840.00 X | 1.500 |
| PRL S-33 | | | | | | | |
| S33P01 | 10/30/90 | NS | NS | 1 | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | LD | 1 | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| S33P02 | 10/30/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.60 DL | 3.00 |
| | | | | | Chloroform | 24.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 24.90 CR | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| S33P03 | 10/30/90 | NS | NS | 2 | Chloroform | 1.60 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-33 | | | | | | | |
| S33P03 | 10/30/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| S33P04 | 10/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| S33P05 | 10/30/90 | NS | NS | 2 | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| S33P06 | 10/30/90 | NS | NS | 2 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| S33P07 | 10/30/90 | NS | NS | 1 | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| S33P08 | 11/02/90 | NS | NS | 2 | Chloroform | 0.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| S33P09 | 10/30/90 | NS | NS | 2 | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| PRL S-34 | | | | | | | |
| S34P01 | 11/05/90 | NS | NS | 1 | Trichloroethene | 12000.00 X | 8.100 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-34 | | | | | | | |
| S34P01 | 11/05/90 | NS | NS | 1 | Tetrachloroethene | 19300.00 X | 1.500 |
| | | | | | p-Xylene | 3540.00 DL | 2240.0 |
| | | | | | o-Xylene | 3520.00 DL | 2420.0 |
| | | | | | Unknown-1 | 18000.00 | NA |
| | | | | | Unknown-2 | 71900.00 | NA |
| | | | | | Unknown-3 | 45400.00 | NA |
| S34P02 | 11/05/90 | NS | NS | 1 | Chloroform | 4.80 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 4.80 CR,DL | 3.200 |
| | | | | | Trichloroethene | 373.00 | 4.050 |
| | | | | | Tetrachloroethene | 602.00 | 0.750 |
| | | | LD | 1 | Chloroform | 2.60 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 3.200 |
| | | | | | Trichloroethene | 372.00 | 4.050 |
| | | | | | Tetrachloroethene | 621.00 | 0.750 |
| S34P03 | 11/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 13.90 Q,DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.40 | 0.150 |
| S34P04 | 11/05/90 | NS | NS | 2 | Chloroform | 3.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR | 0.640 |
| | | | | | Trichloroethene | 85.50 | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| | | | | | Unknown-1 | 53.50 | NA |
| | | | LD | 2 | Chloroform | 3.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR | 0.640 |
| | | | | | Trichloroethene | 84.50 | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| | | | | | Unknown-1 | 52.40 | NA |
| S34P05 | 11/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 11.10 Q,DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-34 | | | | | | | |
| S34P05 | 11/05/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| S34P06 | 11/05/90 | NS | NS | 2 | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Toluene | 302.00 DL | 127.0 |
| S34P07 | 11/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 11.20 Q,DL | 3.00 |
| | | | | | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.40 | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 25.20 Q | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| S34P08 | 11/05/90 | NS | NS | 2 | Chloroform | 2.30 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 1.600 |
| | | | | | Trichloroethene | 212.00 | 2.025 |
| | | | | | Tetrachloroethene | 3.50 | 0.375 |
| S34P09 | 11/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.10 Q,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.10 | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| | | | | | p-Xylene | 145.00 DL | 224.0 |
| S34P10 | 11/06/90 | NS | NS | 2 | Chloroform | 5.40 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 5.40 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1120.00 | 8.100 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|----------------|--------------------|
| PRL S-34 | | | | | | | |
| S34P10 | 11/06/90 | NS | NS | 2 | Tetrachloroethene | 26.80 | 1.500 |
| | | | | | Unknown-1 | 68.60 | NA |
| | 11/06/90 | FD | NS | 1 | Chloroform | 13.00 HB,CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 13.00 HB,CR,DL | 6.400 |
| | | | | | Trichloroethene | 1070.00 | 8.100 |
| | | | | | Tetrachloroethene | 27.20 | 1.500 |
| | | | | | Unknown-1 | 48.30 | NA |
| S34P11 | 11/26/90 | NS | NS | 2 | Chloroform | 1.90 DL,Q,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 DL,Q,CR | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| S34P12 | 11/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.20 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | 11/21/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 2.90 HB,DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 D' | 0.810 |
| | | | | | Tetrachloroethene | 0.20 | 0.150 |
| S34P13 | 11/26/90 | NS | NS | 2 | Chloroform | 1.20 DL,Q,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 DL,Q,CR | 0.640 |
| | | | | | Trichloroethene | 16.80 | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| | | | | | p-Xylene | 272.00 DL | 224.0 |
| S34P14 | 11/26/90 | NS | NS | 2 | Chloroform | 1.30 DL,Q,CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 1.30 DL,Q,CR | 1.600 |
| | | | | | Trichloroethene | 108.00 | 2.025 |
| | | | | | Tetrachloroethene | 26.00 | 0.375 |
| | | | | | Unknown-1 | 57.00 | NA |
| S34P15 | 11/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.40 HB,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-34 | | | | | | | |
| S34P15 | 11/21/90 | NS | NS | 1 | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| S34P16 | 11/21/90 | NS | NS | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 25.70 | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| | | | | | Unknown-1 | 29.60 | NA |
| S34P17 | 11/21/90 | NS | NS | 1 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 DL | 0.150 |
| S34P18 | 11/21/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.10 BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| | 11/21/90 | FD | NS | 2 | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 BD,DL | 0.150 |
| S34P19 | 11/21/90 | NS | NS | 1 | Chloroform | 0.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.80 | 0.810 |
| | | | | | Tetrachloroethene | 8.70 | 0.150 |
| | | | LD | 1 | Chloroform | 0.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.30 | 0.810 |
| | | | | | Tetrachloroethene | 10.30 | 0.150 |
| S34P20 | 11/21/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.10 DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-34 | | | | | | | |
| S34P20 | 11/21/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| S34P21 | 12/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.30 DL | 3.00 |
| | | | | | Chloroform | 3.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.80 CR | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| S34P22 | 12/07/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.40 DL | 3.00 |
| | | | | | Chloroform | 4.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.60 CR | 0.640 |
| | | | | | Trichloroethene | 96.80 | 0.810 |
| | | | | | Tetrachloroethene | 7.00 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 17.40 HB | 3.00 |
| | | | | | Chloroform | 4.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.50 CR | 0.640 |
| | | | | | Trichloroethene | 95.60 | 0.810 |
| | | | | | Tetrachloroethene | 6.90 | 0.150 |
| PRL S-35 | | | | | | | |
| S35P01 | 09/26/90 | NS | NS | 1 | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.70 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | | | p-Xylene | 117.00 DL | 224.0 |
| S35P02 | 09/26/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.50 DL | 3.00 |
| | | | | | Chloroform | 6.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.80 CR | 0.640 |
| | | | | | Trichloroethene | 111.00 | 0.810 |
| | | | | | Tetrachloroethene | 8.00 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 7.80 HB,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-35 | | | | | | | |
| S35P02 | 09/26/90 | NS | LD | 1 | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 106.00 | 0.810 |
| | | | | | Tetrachloroethene | 8.40 | 0.150 |
| | | | | | p-Xylene | 167.00 DL | 224.0 |
| S35P03 | 09/26/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.80 DL | 3.00 |
| | | | | | Chloroform | 6.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.60 CR | 0.640 |
| | | | | | Trichloroethene | 7.80 | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| S35P04 | 09/26/90 | NS | NS | 1 | p-Xylene | 105.00 DL | 224.0 |
| | | | | | Total 1,2-Dichloroethene | 7.60 HB,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.60 DL | 0.810 |
| S35P05 | 09/26/90 | NS | NS | 2 | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | p-Xylene | 98.00 DL | 224.0 |
| | | | | | Chloroform | 3.20 CR,DL | 16.000 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CR,DL | 16.000 |
| | | | | | Trichloroethene | 59.00 DL | 20.250 |
| S35P06 | 09/26/90 | NS | NS | 1 | Tetrachloroethene | 2.40 DL | 3.750 |
| | | | | | Total 1,2-Dichloroethene | 8.40 HB,DL | 3.00 |
| | | | | | Chloroform | 10.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 10.50 CR | 0.640 |
| | | | | | Trichloroethene | 4.50 | 0.810 |
| | | | LD | 2 | Tetrachloroethene | 1.00 | 0.150 |
| | | | | | p-Xylene | 130.00 DL | 224.0 |
| | | | | | Total 1,2-Dichloroethene | 13.50 DL | 3.00 |
| | | | | | Chloroform | 10.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 10.30 CR | 0.640 |
| | | | | | Trichloroethene | 6.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| PRL S-35 | | | | | | | |
| S35P06 | 09/26/90 | NS | LD | 2 | p-Xylene | 87.30 DL | 224.0 |
| S35P07 | 09/26/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 11.50 HB,DL | 3.00 |
| | | | | | Chloroform | 4.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.30 CR | 0.640 |
| | | | | | Trichloroethene | 10.60 | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| S35P08 | 09/26/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.30 DL | 3.00 |
| | | | | | Chloroform | 5.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.60 CR | 0.640 |
| | | | | | Trichloroethene | 5.60 | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| S35P09 | 09/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.00 HB,DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| S35P10 | 09/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.00 DL | 3.00 |
| | | | | | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| S35P11 | 09/26/90 | NS | NS | 1 | Chloroform | 0.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| | | | | | o-Xylene | 90.00 DL | 242.0 |
| S35P12 | 09/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.00 HB,DL | 3.00 |
| | | | | | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 6.90 | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| PRL S-35 | | | | | | | |
| S35P12 | 09/25/90 | NS | NS | 1 | Tetrachloroethene | 2.70 | 0.150 |
| S35P13 | 09/25/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.00 DL | 3.00 |
| | | | | | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| S35P14 | 09/26/90 | NS | NS | 2 | Chloroform | 39.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 39.90 CR | 0.640 |
| | | | | | Trichloroethene | 4443.00 D | 0.810 |
| | | | | | Tetrachloroethene | 118.00 D | 0.150 |
| | | | | | p-Xylene | 94.90 DL | 224.0 |
| | | | | | Freon 113 | 23126.00 | NA |
| | | | | | Unknown-2 | 6860.00 | NA |
| | 09/26/90 | FD | NS | 2 | Chloroform | 33.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 33.00 CR | 6.400 |
| | | | | | Trichloroethene | 8600.00 D | 8.100 |
| | | | | | Tetrachloroethene | 66.00 | 1.500 |
| | | | | | Freon 113 | 17930.00 D | N. |
| | | | | | Unknown-2 | 5420.00 | NA |
| S35P15 | 09/26/90 | NS | NS | 2 | Chloroform | 7.50 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 7.50 CR,DL | 3.200 |
| | | | | | Trichloroethene | 1123.00 D | 4.050 |
| | | | | | Tetrachloroethene | 8.00 | 0.750 |
| | | | | | Unknown-1 | 1380.00 D | NA |
| S35P18 | 10/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.10 HB,DL | 3.00 |
| | | | | | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 88.40 | 0.810 |
| | | | | | Tetrachloroethene | 4.00 | 0.150 |
| | | | | | p-Xylene | 185.00 DL | 224.0 |
| S35P19 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 75.80 Q | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|------------|-----------------|
| PRL S-35 | | | | | | | |
| S35P19 | 10/29/90 | NS | NS | 1 | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 13.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 110.00 Q | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.00 | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| | | | | | | | |
| S35P20 | 10/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 19.20 DL | 30.00 |
| | | | | | Chloroform | 7.70 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 7.70 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1360.00 | 8.100 |
| | | | | | Tetrachloroethene | 19.40 | 1.500 |
| S35P21 | 10/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.20 HB,DL | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 101.00 | 0.810 |
| | | | | | Tetrachloroethene | 12.30 | 0.150 |
| S35P22 | 10/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.40 HB,DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| PRL T-8 | | | | | | | |
| T8P01 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 14.40 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| | | | | | Unknown-1 | 384.00 | NA |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|----------------|-----------------|
| PRL T-8 | | | | | | | |
| T8P01 | 11/08/90 | NS | NS | 1 | Unknown-2 | 373.00 | NA |
| T8P02 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 167.00 HB,CP | 30.00 |
| | | | | | Chloroform | 29.30 HB,CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 29.30 HB,CR,DL | 6.400 |
| | | | | | Trichloroethene | 15.40 HB,DL | 8.100 |
| | | | | | Tetrachloroethene | 26.30 HB | 1.500 |
| | | | | | p-Xylene | 42500.00 | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 475000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 280000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 252000.0 | NA |
| | 11/08/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 177.00 HB,CP | 30.00 |
| | | | | | Chloroform | 31.00 HB,CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 31.00 HB,CR,DL | 6.400 |
| | | | | | Trichloroethene | 90.10 HB | 8.100 |
| | | | | | Tetrachloroethene | 27.00 HB | 1.500 |
| | | | | | p-Xylene | 46300.00 | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 484000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 284000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 261000.0 | NA |
| T8P03 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 178.00 HB,CP | 30.00 |
| | | | | | Chloroform | 32.00 HB,CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 32.00 HB,CR | 6.400 |
| | | | | | Trichloroethene | 17.00 HB,DL | 8.100 |
| | | | | | Tetrachloroethene | 21.10 HB | 1.500 |
| | | | | | p-Xylene | 61300.00 | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 597000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 364000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 317000.0 | NA |
| T8P04 | 11/29/90 | NS | NS | 1 | Chloroform | 0.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.70 | 0.150 |
| PRL T-45 | | | | | | | |
| T45P01 | 09/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 16.10 DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| PRL T-45 | | | | | | | |
| T45P01 | 09/21/90 | NS | NS | 1 | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| | | | | | p-Xylene | 344.00 BC,DL | 224.0 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 19.50 | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| PRL T-46 | | | | | | | |
| T46P01 | 11/06/90 | NS | NS | 2 | Chloroform | 0.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| T46P02 | 11/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 15.20 HB,Q | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | | | p-Xylene | 388.00 DL | 224.0 |
| | | | | | Unknown-1 | 999.00 | NA |
| SA-1 | | | | | | | |
| SA1P01 | 11/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.40 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 40.90 | 0.810 |
| | | | | | Tetrachloroethene | 31.40 | 0.150 |
| SA1P02 | 11/06/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-1 | | | | | | | |
| SA1P02 | 11/06/90 | NS | NS | 2 | Trichloroethene | 7.40 BD | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| SA1P03 | 11/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.40 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA1P04 | 11/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.60 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 4.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.10 CR | 0.640 |
| | | | | | Trichloroethene | 10.00 | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 9.10 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 4.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.20 CR | 0.640 |
| | | | | | Trichloroethene | 9.40 | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| SA-2 | | | | | | | |
| SA2P01 | 10/31/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 DL | 3.00 |
| | | | | | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| SA2P02 | 10/31/90 | NS | NS | 2 | Chloroform | 3.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR | 0.640 |
| | | | | | Trichloroethene | 54.50 | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA2P03 | 10/31/90 | NS | NS | 2 | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 28.70 | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-2 | | | | | | | |
| SA2P03 | 10/31/90 | NS | NS | 2 | Tetrachloroethene | 0.80 | 0.150 |
| | 10/31/90 | FD | NS | 2 | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 28.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA2P04 | 10/31/90 | NS | NS | 2 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 123.00 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA2P05 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.90 BD,Q,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 12.30 | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| SA2P07 | 11/30/90 | NS | NS | 2 | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | 11/30/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 5.70 Q,BD,DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 36.60 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA2P08 | 11/26/90 | NS | NS | 2 | Chloroform | 9.00 CR,Q | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.00 CR,Q | 0.640 |
| | | | | | Trichloroethene | 15.90 | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| | | | LD | 2 | Chloroform | 8.20 CR,Q | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.20 CR,Q | 0.640 |
| | | | | | Trichloroethene | 16.40 | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|--------------|-----------------|
| SA-2 | | | | | | | |
| SA2P08 | 11/26/90 | NS | LD | 2 | Tetrachloroethene | 0.90 | 0.150 |
| SA2P10 | 11/26/90 | NS | NS | 2 | Chloroform | 0.70 DL,Q,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 DL,Q,CR | 0.640 |
| | | | | | Trichloroethene | 6.50 | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| SA-3 | | | | | | | |
| SA3P01 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 27.20 HB | 3.00 |
| | | | | | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 14.40 | 0.150 |
| SA3P02 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 16.00 | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 8.30 | 0.150 |
| | | LD | LD | 2 | Total 1,2-Dichloroethene | 23.60 | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 6.60 | 0.150 |
| SA3P03 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 46.00 HB | 3.00 |
| | | | | | Chloroform | 15.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 15.10 CR | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 59.30 | 0.150 |
| | | LD | LD | 1 | Total 1,2-Dichloroethene | 31.00 HB | 3.00 |
| | | | | | Chloroform | 14.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 14.70 CR | 0.640 |
| | | | | | Trichloroethene | 2.40 DL | 0.810 |
| | | | | | | | |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-3 | | | | | | | |
| SA3P03 | 09/27/90 | NS | LD | 1 | Tetrachloroethene | 57.20 | 0.150 |
| SA3P04 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 20.00 HB | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 8.30 | 0.810 |
| | | | | | Tetrachloroethene | 16.10 | 0.150 |
| SA3P05 | 11/16/90 | NS | NS | 1 | Chloroform | 294.00 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 294.00 CR | 1.600 |
| | | | | | Trichloroethene | 1.00 DL | 2.025 |
| | | | | | Tetrachloroethene | 15.40 | 0.375 |
| SA3P06 | 11/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.90 HB,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SA3P07 | 11/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.30 Q,DL | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 2.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA3P08 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 25.70 CP,Q | 3.00 |
| | | | | | Chloroform | 9.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.40 CR | 0.640 |
| | | | | | Trichloroethene | 4.50 BD | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| | | | | | Unknown-1 | 353.00 | NA |
| SA-4 | | | | | | | |
| SA4P01 | 10/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.30 HB,DL | 3.00 |
| | | | | | Chloroform | 4.50 CR | 0.640 |

(Continued)

RADIAN CORPORATION

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SA-4 | | | | | | | |
| SA4P01 | 10/12/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 4.50 CR | 0.640 |
| | | | | | Trichloroethene | 2.80 HB,DL | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| SA4P02 | 10/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.10 HB,DL | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| SA4P03 | 10/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.80 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| SA4P04 | 10/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.20 HB,DL | 3.00 |
| | | | | | Chloroform | 6.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.30 CR | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | Unknown-1 | 435.00 | NA |
| | | | | | Unknown-2 | 196.00 | NA |
| SA4P05 | 10/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 11.50 HB,DL | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 10.80 HB,DL | 3.00 |
| | | | | | Chloroform | 3.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR | 0.640 |
| | | | | | Trichloroethene | 7.30 | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA4P06 | 10/11/90 | NS | NS | 2 | Chloroform | 2.10 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-4 | | | | | | | |
| SA4P06 | 10/11/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.30 | 0.150 |
| SA4P07 | 10/11/90 | NS | NS | 2 | Chloroform | 0.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| SA4P08 | 10/11/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.10 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| SA4P09 | 10/11/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.90 HB | 3.00 |
| | | | | | Chloroform | 6.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.80 CR | 0.640 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA4P10 | 10/11/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.10 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.50 HB,DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| SA4P11 | 10/11/90 | NS | NS | 2 | Chloroform | 3.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 3.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 18.00 DL | 8.100 |
| | | | | | Tetrachloroethene | 1200.00 X | 1.500 |
| SA4P12 | 10/11/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 9.60 HB,DL | 3.00 |
| | | | | | Chloroform | 8.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.10 CR | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SA-4 | | | | | | | |
| SA4P12 | 10/11/90 | NS | NS | 2 | Tetrachloroethene | 43.00 | 0.150 |
| SA4P13 | 10/11/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.20 HB,DL | 3.00 |
| | | | | | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| SA4P14 | 10/11/90 | NS | NS | 1 | Chloroform | 3.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.80 CR | 0.640 |
| | | | | | Trichloroethene | 10.20 HB | 0.810 |
| | | | | | Tetrachloroethene | 27.00 | 0.150 |
| SA4P15 | 10/11/90 | NS | NS | 2 | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Trichloroethene | 3.00 BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 6.30 BD | 0.150 |
| | | | LD | 2 | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.10 BD | 0.810 |
| | | | | | Tetrachloroethene | 3.50 BD | 0.150 |
| SA4P16 | 10/11/90 | NS | NS | 2 | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.00 | 0.150 |
| SA4P17 | 10/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 11.00 HB,DL | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| SA4P18 | 10/12/90 | NS | NS | 2 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |

(Continued)



TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-4 | | | | | | | |
| SA4P19 | 11/19/90 | NS | NS | 1 | Trichloroethene | 5.00 DL | 8.100 |
| | | | | | Tetrachloroethene | 1650.00 X | 1.500 |
| SA4P20 | 11/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 41.00 | 3.00 |
| | | | | | Chloroform | 4.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.40 CR | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 85.10 | 0.150 |
| | | | | | Toluene | 1220.00 | 127.0 |
| SA4P21 | 11/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 12.60 HB,DL | 3.00 |
| | | | | | Chloroform | 2.50 BC,DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 BC,DL,CR | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 112.00 | 0.150 |
| SA4P22 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 60.10 Q | 7.50 |
| | | | | | Chloroform | 3.30 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR,DL | 1.600 |
| | | | | | Trichloroethene | 2.80 DL | 2.025 |
| | | | | | Tetrachloroethene | 111.00 | 0.375 |
| SA4P23 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 34.60 Q,DL | 30.00 |
| | | | | | Chloroform | 4.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 4.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 8.30 DL | 8.100 |
| | | | | | Tetrachloroethene | 2840.00 X | 1.500 |
| SA4P24 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 32.30 | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 6.60 | 0.150 |
| SA4P25 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 70.20 HB,Q | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-4 | | | | | | | |
| SA4P25 | 12/04/90 | NS | NS | 1 | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.90 | 0.150 |
| | | | | | p-Xylene | 191.00 DL | 224.0 |
| SA4P26 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 44.20 HB,Q | 3.00 |
| | | | | | Chloroform | 3.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 46.30 HB,Q | 3.00 |
| | | | | | Chloroform | 4.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.10 CR | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| SA-5 | | | | | | | |
| SA5P02 | 11/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 12.80 HB,DL | 7.50 |
| | | | | | Chloroform | 3.10 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 3.10 CR,DL | 1.600 |
| | | | | | Trichloroethene | 4.50 DL | 2.025 |
| | | | | | Tetrachloroethene | 141.00 | 0.375 |
| SA5P03 | 11/12/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| SA5P04 | 11/12/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.90 HB,DL | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 43.70 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|---|---|--|
| SA-5 | | | | | | | |
| SA5P04 | 11/12/90 | NS | NS | 2 | p-Xylene o-Xylene | 338.00 DL 239.00 DL | 224.0 242.0 |
| SA5P05 | 11/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 12.10 HB,DL 2.40 CR,DL 2.40 CR,DL 0.60 DL 1.80 | 3.00 0.640 0.640 0.810 0.150 |
| SA5P06 | 11/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 14.20 HB,DL 2.80 CR,DL 2.80 CR,DL 0.60 DL 12.80 | 3.00 0.640 0.640 0.810 0.150 |
| SA5P07 | 11/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 21.90 HB,Q 2.80 CR,DL 2.80 CR,DL 4.60 64.20 | 3.00 0.640 0.640 0.810 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 21.10 HB,Q 3.00 CR,DL 3.00 CR,DL 4.20 64.30 | 3.00 0.640 0.640 0.810 0.150 |
| SA-6 | | | | | | | |
| SA6P01 | 11/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Tetrachloroethene | 3.10 HB,DL 1.10 CR,DL 1.10 CR,DL 3.60 | 3.00 0.640 0.640 0.150 |
| SA6P02 | 11/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene Chloroform | 4.60 DL 0.60 CR,DL | 3.00 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-6 | | | | | | | |
| SA6P02 | 11/19/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| SA6P03 | 11/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 20.50 | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.90 | 0.150 |
| | | | | | Toluene | 5290.00 DL | 127.0 |
| | | | | | Unknown-1 | 236.00 | NA |
| SA6P04 | 11/19/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 14.90 DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 9.20 | 0.150 |
| SA6P06 | 11/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 25.80 HB | 3.00 |
| | | | | | Chloroform | 2.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.30 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 27.10 HB | 3.00 |
| | | | | | Chloroform | 4.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.10 BD | 0.810 |
| | | | | | Tetrachloroethene | 4.00 | 0.150 |
| SA-7 | | | | | | | |
| SA7P01 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.20 DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 54.30 | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-7 | | | | | | | |
| SA7P01 | 09/28/90 | NS | LD | 2 | Total 1,2-Dichloroethene | 6.20 DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 31.90 | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA7P02 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.90 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.70 | 0.150 |
| | | | | | Unknown-1 | 117.00 | NA |
| SA7P03 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.90 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| | | | | | Unknown-1 | 4070.00 | NA |
| | 09/28/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 4.90 DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.30 | 0.150 |
| SA7P04 | 09/28/90 | NS | NS | 2 | Chloroform | 3.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.80 CR | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 7.70 | 0.150 |
| | | | | | p-Xylene | 140.00 DL | 224.0 |
| | | | | | o-Xylene | 139.00 DL | 242.0 |
| | | | | | Unknown-1 | 16300.00 | NA |
| SA7P05 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-7 | | | | | | | |
| SA7P05 | 09/28/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | | | Unknown-1 | 17.50 | NA |
| SA7P06 | 09/28/90 | NS | NS | 2 | Chloroform | 38.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 38.60 CR | 0.640 |
| | | | | | Trichloroethene | 1.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 61.60 | 0.150 |
| SA7P07 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 15.90 | 3.00 |
| | | | | | Chloroform | 8.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.60 CR | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.90 | 0.150 |
| | | | | | Unknown-1 | 276.00 | NA |
| SA7P08 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 310.00 HB | 15.00 |
| | | | | | Chloroform | 2300.00 D | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 2300.00 D | 3.200 |
| | | | | | Trichloroethene | 315.00 | 4.050 |
| | | | | | Tetrachloroethene | 1570.00 D | 0.750 |
| | | | | | Toluene | 273000.0 D | 635.0 |
| | | | | | p-Xylene | 7720.00 | 1120.0 |
| | | | | | o-Xylene | 1840.00 DL | 1210.0 |
| | | | | | Freon 113 | 5960000 | NA |
| | | | | | Methylcyclohexane | 7530.00 | NA |
| SA7P10 | 11/16/90 | NS | NS | 1 | Chloroform | 40.40 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 40.40 CR | 1.600 |
| | | | | | Trichloroethene | 200.00 | 2.025 |
| | | | | | Tetrachloroethene | 125.00 | 0.375 |
| | 11/16/90 | FD | NS | 1 | Chloroform | 37.10 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 37.10 CR | 1.600 |
| | | | | | Trichloroethene | 208.00 | 2.025 |
| | | | | | Tetrachloroethene | 134.00 | 0.375 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SA-7 | | | | | | | |
| SA7P11 | 11/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.30 HB,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| SA7P12 | 11/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.30 HB,DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.80 | 0.150 |
| SA7P13 | 11/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 15.50 Q | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 24.90 | 0.150 |
| SA7P14 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 254.00 Q | 30.00 |
| | | | | | Chloroform | 38.30 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 38.30 CR | 6.400 |
| | | | | | Trichloroethene | 975.00 | 8.100 |
| | | | | | Tetrachloroethene | 207.00 | 1.500 |
| SA7P15 | 12/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 195.00 Q,HB | 30.00 |
| | | | | | Chloroform | 9.20 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 9.20 CR,DL | 6.400 |
| | | | | | Trichloroethene | 507.00 | 8.100 |
| | | | | | Tetrachloroethene | 28.30 | 1.500 |
| SA7P16 | 12/04/90 | NS | NS | 1 | Chloroform | 4.30 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 4.30 CR,DL | 6.400 |
| | | | | | Trichloroethene | 144.00 | 8.100 |
| | | | | | Tetrachloroethene | 980.00 | 1.500 |

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TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-8 | | | | | | | |
| SA8P01 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 20.00 HB | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| | | | | | p-Xylene | 190.00 DL | 224.0 |
| SA8P02 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 22.00 HB | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| | | | | | p-Xylene | 574.00 BD,DL | 224.0 |
| SA-9 | | | | | | | |
| SA9P01 | 09/28/90 | NS | NS | 2 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA9P02 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 DL | 3.00 |
| | | | | | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| SA9P03 | 09/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| SA9P04 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 38.00 HB | 3.00 |

(Continued)

TABLE U-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-9 | | | | | | | |
| SA9P04 | 09/27/90 | NS | NS | 1 | Chloroform | 4.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.00 CR | 0.640 |
| | | | | | Trichloroethene | 18.30 | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| SA9P05 | 09/27/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 21.60 HB | 3.00 |
| | | | | | Chloroform | 4.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.20 CR | 0.640 |
| | | | | | Trichloroethene | 85.90 | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| SA9P06 | 11/19/90 | NS | NS | 2 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | p-Xylene | 304.00 DL | 224.0 |
| SA9P07 | 11/19/90 | NS | NS | 2 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 DL | 0.150 |
| SA9P08 | 11/20/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 32.00 | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| | | | | | Toluene | 1705.00 DL | 127.0 |
| SA9P09 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 27.60 BD,Q,CP | 3.00 |
| | | | | | Chloroform | 9.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.20 CR | 0.640 |
| | | | | | Trichloroethene | 7.00 | 0.810 |
| | | | | | Tetrachloroethene | 11.40 | 0.150 |
| | | | | | Toluene | 369.00 DL | 127.0 |
| SA9P10 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.70 BD,Q,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SA-10 | | | | | | | |
| SA10P03 | 11/28/90 | NS | NS | 1 | Tetrachloroethene | 167.00 | 0.375 |
| SA10P04 | 11/28/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 68.60 | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 23.40 | 0.810 |
| | | | | | Tetrachloroethene | 77.90 | 0.150 |
| SA10P05 | 12/10/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.10 BD,DL | 3.00 |
| | | | | | Chloroform | 4.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.50 CR | 0.640 |
| | | | | | Tetrachloroethene | 0.80 DL | 0.150 |
| SA10P06 | 12/10/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 10.00 HB,DL | 3.00 |
| | | | | | Chloroform | 3.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| SA10P07 | 12/10/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.10 DL | 3.00 |
| | | | | | Chloroform | 6.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.40 CR | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 45.20 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 2.10 DL | 3.00 |
| | | | | | Chloroform | 6.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.40 CR | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 44.40 | 0.150 |
| SA10P08 | 12/10/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.70 BD,DL | 3.00 |
| | | | | | Chloroform | 3.80 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.80 CR | 0.640 |
| | | | | | Trichloroethene | 2.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 59.60 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-10 | | | | | | | |
| SA10P08 | 12/10/90 | NS | LD | 2 | Total 1,2-Dichloroethene | 10.40 BD,DL | 3.00 |
| | | | | | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Trichloroethene | 9.10 BD | 0.810 |
| | | | | | Tetrachloroethene | 59.50 | 0.150 |
| SA-11 | | | | | | | |
| SA11P01 | 11/19/90 | NS | NS | 1 | Chloroform | 2.40 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 1.600 |
| | | | | | Trichloroethene | 143.00 | 2.025 |
| | | | | | Tetrachloroethene | 69.80 | 0.375 |
| | | | LD | 1 | Chloroform | 3.60 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR,DL | 1.600 |
| | | | | | Trichloroethene | 140.00 | 2.025 |
| | | | | | Tetrachloroethene | 68.80 | 0.375 |
| SA11P02 | 11/19/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 40.00 | 3.00 |
| | | | | | Chloroform | 1.20 BC,DL,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 BC,DL,CR | 0.640 |
| | | | | | Trichloroethene | 14.90 | 0.810 |
| | | | | | Tetrachloroethene | 2.40 BC | 0.150 |
| | | | | | Unknown-1 | 631.00 | NA |
| SA11P04 | 10/01/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.50 DL | 3.00 |
| | | | | | Chloroform | 8.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.50 CR | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 7.70 | 0.150 |
| | | | | | p-Xylene | 423.00 DL | 224.0 |
| SA11P05 | 10/01/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.60 DL | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 12.10 | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-11 | | | | | | | |
| SA11P05 | 10/01/90 | NS | NS | 2 | Tetrachloroethene | 4.60 | 0.150 |
| SA11P06 | 10/01/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.50 DL | 3.00 |
| | | | | | Chloroform | 23.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 23.20 CR | 0.640 |
| | | | | | Trichloroethene | 81.00 | 0.810 |
| | | | | | Tetrachloroethene | 34.00 | 0.150 |
| | | | | | p-Xylene | 311.00 80,DL | 224.0 |
| SA11P07 | 10/01/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 15.00 HB | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 17.90 | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| SA11P08 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 23.70 Q | 3.00 |
| | | | | | Chloroform | 5.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.30 CR | 0.640 |
| | | | | | Trichloroethene | 3.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.20 | 0.150 |
| SA11P09 | 11/30/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 12.20 80,Q,DL | 3.00 |
| | | | | | Chloroform | 5.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.50 CR | 0.640 |
| | | | | | Trichloroethene | 15.10 | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | | | | | Methanol | 8500.00 | NA |
| SA11P10 | 11/30/90 | NS | NS | 2 | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-11 | | | | | | | |
| SA11P10 | 11/30/90 | NS | NS | 2 | Trichloroethene | 10.90 | 0.810 |
| | | | | | Tetrachloroethene | 18.00 | 0.150 |
| SA-12 | | | | | | | |
| SA12P01 | 10/03/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | | | LD | 2 | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA12P02 | 10/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.10 DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| SA12P03 | 10/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.40 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA12P04 | 10/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| SA12P05 | 10/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.50 HB,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-12 | | | | | | | |
| SA12P05 | 10/15/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA12P06 | 10/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.70 HB,DL | 3.00 |
| | | | | | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.10 | 0.150 |
| | | | | | p-Xylene | 317.00 BD,DL | 224.0 |
| | | | | | o-Xylene | 309.00 BD,DL | 242.0 |
| SA12P07 | 10/05/90 | NS | NS | 1 | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| SA12P08 | 10/05/90 | NS | NS | 1 | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| SA12P09 | 10/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.40 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 45.10 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA12P10 | 10/03/90 | NS | NS | 1 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| | | | LD | 1 | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.10 | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-12 | | | | | | | |
| SA12P10 | 10/03/90 | NS | LD | 1 | Tetrachloroethene | 0.70 DL | 0.150 |
| SA12P11 | 10/03/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| | | | | | p-Xylene | 145.00 DL | 224.0 |
| SA12P12 | 10/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.00 DL | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.80 | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 8.00 DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA12P13 | 10/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.40 HB,DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 51.70 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SA12P14 | 10/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.00 DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA12P15 | 10/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 13.90 DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-12 | | | | | | | |
| SA12P15 | 10/05/90 | NS | NS | 2 | Trichloroethene | 25.10 | 0.810 |
| | | | | | Tetrachloroethene | 1080.00 D,X | 0.150 |
| SA12P16 | 10/05/90 | NS | NS | 2 | Chloroform | 3.00 CR,DL | 1.280 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 1.280 |
| | | | | | Trichloroethene | 11.50 | 1.620 |
| | | | | | Tetrachloroethene | 22.50 | 0.300 |
| SA12P17 | 10/03/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| | | | | | o-Xylene | 6500.00 HB | 242.0 |
| | | | LD | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | | | | | p-Xylene | 214.00 DL | 224.0 |
| | | | | | o-Xylene | 225.00 DL | 242.0 |
| SA12P17R | 11/19/90 | NS | NS | 1 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 DL | 0.150 |
| SA12P18 | 10/02/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 5.60 DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | | | p-Xylene | 165.00 BD,DL | 224.0 |
| SA12P19 | 10/02/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 21.10 | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-12 | | | | | | | |
| SA12P19 | 10/02/90 | NS | NS | 2 | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| SA12P20 | 10/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 2.70 BD,DL | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | p-Xylene | 165.00 DL | 224.0 |
| | | | | | o-Xylene | 4000.00 BD | 242.0 |
| SA12P21 | 10/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 16.00 | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| SA12P22 | 10/04/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 11.60 HB,DL | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| | | | | | p-Xylene | 147.00 DL | 224.0 |
| | | | | | o-Xylene | 149.00 DL | 242.0 |
| SA12P23 | 10/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 21.40 HB | 3.00 |
| | | | | | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| | | | | | Benzene | 229.00 BD,DL | 252.0 |
| SA12P24 | 10/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.40 HB,DL | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-12 | | | | | | | |
| SA12P24 | 10/05/90 | NS | NS | 1 | Tetrachloroethene | 0.30 DL | 0.150 |
| SA12P25 | 10/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.10 HB,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| | | | | | p-Xylene | 298.00 DL | 224.0 |
| SA12P26 | 10/02/90 | NS | NS | 1 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SA12P27 | 10/02/90 | NS | NS | 1 | Chloroform | 0.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 9.90 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | | | p-Xylene | 260.00 BD,DL | 224.0 |
| SA12P28 | 10/03/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.10 DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| SA12P29 | 10/02/90 | NS | NS | 1 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SA12P30 | 10/02/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 9.00 DL | 3.00 |
| | | | | | Chloroform | 1.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.10 | 0.810 |

(Continued)



TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|-------------|-----------------|
| SA-12 | | | | | | | |
| SA12P30 | 10/02/90 | NS | NS | 2 | Tetrachloroethene | 0.70 DL | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 7.90 DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | 10/02/90 | FD | NS | 2 | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA12P31 | 10/10/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 12.20 BD,DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 8.40 | 0.810 |
| | | | | | Tetrachloroethene | 56.00 | 0.150 |
| SA12P32 | 10/10/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 15.40 | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 5.70 | 0.150 |
| SA12P33 | 10/10/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 15.40 | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 37.40 | 0.810 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 12.40 DL | 3.00 |
| | | | | | Chloroform | 3.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CR | 0.640 |
| | | | | | Trichloroethene | 33.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA12P34 | 10/10/90 | NS | NS | 2 | Chloroform | 10.00 CR,DL | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SA-12 | | | | | | | |
| SA12P34 | 10/10/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 10.00 CR,DL | 6.400 |
| | | | | | Tetrachloroethene | 75.70 | 1.500 |
| SA12P35 | 10/15/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 36.60 | 3.00 |
| | | | | | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Trichloroethene | 3.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| SA12P36 | 10/15/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.70 DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 36.20 | 0.150 |
| | | | | | p-Xylene | 200.00 DL | 224.0 |
| | | | | | o-Xylene | 206.00 DL | 242.0 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 6.70 HB,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 35.70 | 0.150 |
| | | | | | p-Xylene | 168.00 DL | 224.0 |
| SA12P37 | 10/15/90 | NS | NS | 1 | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| SA12P38 | 10/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.70 DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 5.50 | 0.150 |
| SA12P39 | 10/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.40 HB,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-12 | | | | | | | |
| SA12P39 | 10/16/90 | NS | NS | 1 | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 37.40 | 0.150 |
| SA12P40 | 10/16/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.70 DL | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 10.80 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA12P41 | 10/16/90 | NS | NS | 1 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| SA12P42 | 10/16/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.40 DL | 3.00 |
| | | | | | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 8.90 | 0.150 |
| SA12P43 | 10/17/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| SA-14 | | | | | | | |
| SA14P03 | 10/10/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.10 BD,DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 77.60 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | LD | 1 | Chloroform | 1.60 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|-------------|--------------------|
| SA-14 | | | | | | | |
| SA14P03 | 10/10/90 | NS | LD | 1 | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 39.00 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | | | p-Xylene | 179.00 DL | 224.0 |
| SA14P04 | 10/10/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 31.10 BD | 3.00 |
| | | | | | Chloroform | 31.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 31.70 CR | 0.640 |
| | | | | | Trichloroethene | 2.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| | | | | | p-Xylene | 320.00 DL | 224.0 |
| SA14P05 | 10/09/90 | NS | NS | 1 | Chloroform | 25.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 25.00 CR | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| SA14P08 | 10/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.30 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.30 | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| SA14P11 | 10/02/90 | NS | NS | 2 | Chloroform | 15.70 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 15.70 CR,DL | 6.400 |
| | | | | | Trichloroethene | 3536.00 D | 8.100 |
| | | | | | Tetrachloroethene | 160.00 D | 1.500 |
| SA14P12 | 10/09/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.40 HB | 3.00 |
| | | | | | Chloroform | 3.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CR | 0.640 |
| | | | | | Trichloroethene | 6.70 | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| | | | | | p-Xylene | 208.00 DL | 224.0 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 9.60 HB | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-14 | | | | | | | |
| SA14P12 | 10/09/90 | NS | LD | 2 | Chloroform | 6.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.90 CR | 0.640 |
| | | | | | Trichloroethene | 4.60 | 0.810 |
| | | | | | Tetrachloroethene | 1.90 | 0.150 |
| | | | | | p-Xylene | 255.00 DL | 224.0 |
| | | | | | o-Xylene | 223.00 DL | 242.0 |
| SA14P13 | 10/01/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.50 DL | 3.00 |
| | | | | | Chloroform | 4.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.70 CR | 0.640 |
| | | | | | Trichloroethene | 78.50 | 0.810 |
| | | | | | Tetrachloroethene | 21.60 | 0.150 |
| | | | | | Toluene | 259.00 DL | 127.0 |
| | | | | | p-Xylene | 520.00 DL | 224.0 |
| | | | | | o-Xylene | 400.00 DL | 242.0 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 17.30 | 3.00 |
| | | | | | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 98.70 | 0.810 |
| | | | | | Tetrachloroethene | 22.30 | 0.150 |
| | | | | | | | |
| SA14P14 | 10/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 11.80 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| SA14P16 | 10/10/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 17.50 HB | 3.00 |
| | | | | | Chloroform | 5.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.10 CR | 0.640 |
| | | | | | Trichloroethene | 11.40 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | | | | | Unknown-1 | 242.00 | NA |
| SA14P17 | 10/24/90 | NS | NS | 1 | Chloroform | 4.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.30 CR | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|------------|--------------------------|--------------|-----------------|
| SA-14 | | | | | | | |
| SA14P17 | 10/24/90 | NS | NS | 1 | Trichloroethene | 80.30 | 0.810 |
| | | | | | Tetrachloroethene | 13.80 | 0.150 |
| | | | | | p-Xylene | 887.00 DL | 224.0 |
| | | | | | o-Xylene | 556.00 DL | 242.0 |
| SA14P18 | 10/24/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 45.10 HB,Q | 3.00 |
| | | | | | Chloroform | 275.00 HB,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 275.00 HB,CR | 0.640 |
| | | | | | Trichloroethene | 6110.00 HB,D | 0.810 |
| | | | | | Tetrachloroethene | 3490.00 HB | 0.150 |
| | | | | | Benzene | 423.00 DL | 252.0 |
| SA14P19 | 11/21/90 | NS | NS | 2 | Chloroform | 70.60 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 70.60 CR | 3.200 |
| | | | | | Trichloroethene | 458.00 | 4.050 |
| | | | | | Tetrachloroethene | 351.00 | 0.750 |
| | | | | | Toluene | 6195.00 DL | 635.0 |
| | 11/21/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 6.80 DL | 15.00 |
| | | | | | Chloroform | 122.00 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 122.00 CR | 3.200 |
| | | | | | Trichloroethene | 653.00 | 4.050 |
| | | | | | Tetrachloroethene | 626.00 | 0.750 |
| | | | | | Toluene | 3670.00 DL | 635.0 |
| | | | | | SA-15 | | |
| SA15P01 | 11/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 15.80 HB,Q | 3.00 |
| | | | | | Chloroform | 4.40 CR,HB | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.40 CR,HB | 0.640 |
| | | | | | Trichloroethene | 5.30 HB | 0.810 |
| | | | | | Tetrachloroethene | 4.60 HB | 0.150 |
| | 11/28/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 126.00 HB,Q | 3.00 |
| | | | | | Chloroform | 4.70 CR,HB | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.70 CR,HB | 0.640 |
| | | | | | Trichloroethene | 4.60 HB | 0.810 |
| | | | | | Tetrachloroethene | 4.80 HB | 0.150 |

(Continued)

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TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|----------------|--------------|--------------------------|--------------------------|--------------|-----------------|
| SA-15 | | | | | | | |
| SA15P02 | 11/28/90 | NS | NS | 2 | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 9.00 | 0.810 |
| | | | | | Tetrachloroethene | 37.30 | 0.150 |
| | | LD | 2 | Chloroform | 0.80 CR,DL | 0.640 | |
| | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 | |
| | | | | Trichloroethene | 9.00 | 0.810 | |
| | | | | Tetrachloroethene | 37.00 | 0.150 | |
| SA15P03 | 11/28/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 16.80 | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 16.80 | 0.810 |
| | | | | | Tetrachloroethene | 38.20 | 0.150 |
| | | LD | 1 | Total 1,2-Dichloroethene | 15.20 | 3.00 | |
| | | | | Chloroform | 2.00 CR,DL | 0.640 | |
| | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 | |
| | | | | Trichloroethene | 16.70 | 0.810 | |
| | | | | Tetrachloroethene | 38.10 | 0.150 | |
| SA15P04 | 11/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.00 BD,Q,DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL,BD | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| SA-16 | | | | | | | |
| SA16P01 | 11/09/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 110.00 HB,DL | 30.00 |
| | | | | | Chloroform | 96.00 CR,BC | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 96.00 CR,BC | 6.400 |
| | | | | | Trichloroethene | 148.00 | 8.100 |
| | | | | | Tetrachloroethene | 3.80 DL | 1.500 |
| | | | | | Unknown-1 | 13200.00 | NA |

(Continued)

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 CORPORATION

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-16 | | | | | | | |
| SA16P01 | 11/09/90 | NS | NS | 2 | Unknown-2 | 13700.00 | NA |
| | | | | | Unknown-3 | 20600.00 | NA |
| SA16P02 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 38.20 HB | 7.50 |
| | | | | | Chloroform | 953.00 CR,X | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 953.00 CR,X | 1.600 |
| | | | | | Tetrachloroethene | 1.10 DL | 0.375 |
| | | | | | Toluene | 6340.00 DL | 317.5 |
| | | | | | p-Xylene | 2320.00 DL | 560.0 |
| | | | | | Unknown Hydrocarbon-1 | 13200.00 | NA |
| | | | | | Unknown Hydrocarbon-2 | 12000.00 | NA |
| | | | | | Unknown Hydrocarbon-3 | 10200.00 | NA |
| | 11/09/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 55.20 HB | 7.50 |
| | | | | | Chloroform | 5320.00 CR,X | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 5320.00 CR,X | 1.600 |
| | | | | | Trichloroethene | 0.70 DL | 2.025 |
| | | | | | Tetrachloroethene | 3.80 | 0.375 |
| | | | | | Toluene | 41000.00 HB | 317.5 |
| | | | | | p-Xylene | 17200.00 | 560.0 |
| | | | | | o-Xylene | 1390.00 DL | 605.0 |
| | | | | | Unknown Hydrocarbon-1 | 113000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 107000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 89500.00 | NA |
| SA16P03 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 212.00 HB,CP | 30.00 |
| | | | | | Chloroform | 39.70 HB,CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 39.70 HB,CR | 6.400 |
| | | | | | Trichloroethene | 24.30 HB,DL | 8.100 |
| | | | | | Tetrachloroethene | 50.70 | 1.500 |
| | | | | | p-Xylene | 46300.00 | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 468000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 452000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 335000.0 | NA |
| | | LD | | 1 | Total 1,2-Dichloroethene | 204.00 | 30.00 |
| | | | | | Chloroform | 38.80 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 38.80 CR | 6.400 |
| | | | | | Trichloroethene | 20.70 DL | 8.100 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-16 | | | | | | | |
| SA16P03 | 11/09/90 | NS | LD | 1 | Tetrachloroethene | 30.20 | 1.500 |
| | | | | | p-Xylene | 48700.00 | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 516000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 500000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 368000.0 | NA |
| SA16P04 | 11/09/90 | NS | NS | 1 | Chloroform | 128.00 HB | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 128.00 HB | 6.400 |
| | | | | | Trichloroethene | 61.00 HB | 8.100 |
| | | | | | Tetrachloroethene | 87.20 | 1.500 |
| | | | | | p-Xylene | 238000.0 | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 232000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 187000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 173000.0 | NA |
| SA16P05 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 289.00 HB,CP | 30.00 |
| | | | | | Chloroform | 64.20 HB,CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 64.20 HB,CR | 6.400 |
| | | | | | Tetrachloroethene | 4.60 HB,DL | 1.500 |
| | | | | | Toluene | 115000.0 | 1270.0 |
| | | | | | p-Xylene | 78800.00 | 2240.0 |
| | | | | | o-Xylene | 4880.00 DL | 2420.0 |
| | | | | | Unknown Hydrocarbon-1 | 111000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 102000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 957000.0 | NA |
| SA16P07 | 11/08/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 65.10 HB | 3.00 |
| | | | | | Chloroform | 6.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.30 CR | 0.640 |
| | | | | | Trichloroethene | 4.90 CP | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| | | | | | p-Xylene | 4209.00 | 224.0 |
| | | | | | Unknown Hydrocarbon-1 | 14900.00 | NA |
| | | | | | Unknown Hydrocarbon-2 | 10200.00 | NA |
| | | | | | Unknown Hydrocarbon-3 | 6560.00 | NA |
| SA16P08 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.00 DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|----------------|--------------------|
| SA-16 | | | | | | | |
| SA16P08 | 11/09/90 | NS | NS | 1 | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| SA16P09 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.80 HB,DL | 3.00 |
| | | | | | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| SA16P12 | 11/08/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.00 HB,DL | 3.00 |
| | | | | | Chloroform | 3.50 BD,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.50 BD,CR | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA16P13 | 11/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 346.00 X | 3.00 |
| | | | | | Chloroform | 2.1 ,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| | 11/07/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 155.00 X | 00 |
| | | | | | Chloroform | 4.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.60 CR | 0.640 |
| | | | | | Trichloroethene | 2.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 6.20 | 0.150 |
| SA16P14 | 11/07/90 | NS | NS | 2 | Chloroform | 0.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| SA16P15 | 11/ /90 | NS | NS | 1 | Total 1,2-Dichloroethene | 24.60 HB,CP,DL | 30.00 |
| | | | | | Chloroform | 32.60 CR | 6.400 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|----------------|--------------------|
| SA-16 | | | | | | | |
| SA16P15 | 11/07/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 32.60 CR | 6.400 |
| | | | | | Trichloroethene | 18.30 HB,DL | 8.100 |
| | | | | | Tetrachloroethene | 38.50 HB | 1.500 |
| | | | | | p-Xylene | 64800.00 X | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 542000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 366000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 332000.0 | NA |
| | 11/07/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 24.60 HB,CP,DL | 30.00 |
| | | | | | Chloroform | 40.50 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 40.50 CR | 6.400 |
| | | | | | Trichloroethene | 31.40 HB,DL | 8.100 |
| | | | | | Tetrachloroethene | 49.20 HB | 1.500 |
| | | | | | p-Xylene | 80600.00 X | 2240.0 |
| | | | | | Unknown Hydrocarbon-1 | 103000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 719000.0 | NA |
| | | | | | Unknown Hydrocarbon-3 | 489000.0 | NA |
| SA16P16 | 11/07/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 29.80 HB,Q,DL | 15.00 |
| | | | | | Chloroform | 36.40 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 36.40 CR | 3.200 |
| | | | | | Trichloroethene | 39.40 | 4.050 |
| | | | | | Tetrachloroethene | 40.80 | 0.750 |
| | | | | | p-Xylene | 50400.00 | 1120.0 |
| | | | | | Unknown Hydrocarbon-1 | 890000.0 | NA |
| | | | | | Unknown Hydrocarbon-2 | 635000.0 | NA |
| SA16P17 | 11/07/90 | NS | NS | 2 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| SA16P19 | 11/07/90 | NS | NS | 1 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | | | Total 1,2-Dichloroethene | 5.10 Q,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-16 | | | | | | | |
| SA16P19 | 11/07/90 | NS | LD | 1 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA16P20 | 11/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.10 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 2.50 CR,HB,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,HB,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| SA16P23 | 11/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 9.10 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 0.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.30 BD | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| | | | | | p-Xylene | 714.00 DL | 224.0 |
| | | | | | Unknown Hydrocarbon-1 | 784.00 DL | NA |
| SA16P24 | 11/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 13.60 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| | | | | | p-Xylene | 2410.00 | 224.0 |
| | | | | | Unknown Hydrocarbon-1 | 6500.00 | NA |
| | | | | | Unknown Hydrocarbon-2 | 3850.00 | NA |
| | | | | | Unknown Hydrocarbon-3 | 2700.00 | NA |
| SA16P25 | 11/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 6.00 Q,DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| SA16P26 | 11/06/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.10 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-16 | | | | | | | |
| SA16P26 | 11/06/90 | NS | NS | 2 | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.20 DL | 0.150 |
| SA16P27 | 11/07/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| SA16P28 | 11/07/90 | NS | NS | 2 | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.90 | 0.150 |
| SA16P29 | 11/28/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 15.00 HB,BD | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| | 11/28/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 9.40 BD,Q,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| SA16P30 | 11/06/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.40 DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.40 | 0.150 |
| SA16P31 | 11/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 13.10 Q,DL | 3.00 |
| | | | | | Chloroform | 3.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 CR | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-16 | | | | | | | |
| SA16P31 | 11/29/90 | NS | NS | 2 | Tetrachloroethene | 0.90 DL | 0.150 |
| SA16P32 | 11/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 21.90 HB | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 14.20 | 0.150 |
| SA16P33 | 11/29/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 15.50 | 3.00 |
| | | | | | Chloroform | 2.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.30 CR,DL | 0.640 |
| SA16P34 | 11/28/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 11.60 HB,DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.80 | 0.810 |
| | | | | | Tetrachloroethene | 4.20 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 12.90 HB,DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| SA16P35 | 11/29/90 | NS | NS | 1 | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 21.70 | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| SA16P36 | 11/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.70 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.40 | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| SA16P37 | 11/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 11.20 HB,Q,DL | 3.00 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-16 | | | | | | | |
| SA16P37 | 11/28/90 | NS | NS | 2 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 10.20 | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 12.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 10.30 | 0.810 |
| | | | | | Tetrachloroethene | 1.40 | 0.150 |
| SA16P38 | 11/28/90 | NS | NS | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 15.60 | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| SA16P39 | 11/28/90 | NS | NS | 2 | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 8.40 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SA16P40 | 11/28/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.50 BD,Q,DL | 3.00 |
| | | | | | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| SA16P41 | 11/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.70 Q,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SA16P42 | 11/28/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 7.70 DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SA-16 | | | | | | | |
| SA16P42 | 11/28/90 | NS | NS | 1 | Trichloroethene | 3.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| P43 | 11/28/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 12.40 DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.90 DL | 0.150 |
| SA16P45 | 11/30/90 | NS | NS | 2 | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.10 | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| SA16P46 | 11/28/90 | NS | NS | 2 | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SA-17 | | | | | | | |
| SA17P01 | 11/02/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.90 HB,DL | 3.00 |
| | | | | | Chloroform | 9.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.20 CR | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 9.00 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 3.70 DL | 3.00 |
| | | | | | Chloroform | 9.40 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 9.40 CR | 0.640 |
| | | | | | Trichloroethene | 2.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 7.70 | 0.150 |
| SA17P02 | 11/02/90 | NS | NS | 1 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 21.00 | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-17 | | | | | | | |
| SA17P03 | 11/02/90 | NS | NS | 2 | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA17P04 | 11/02/90 | NS | NS | 1 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 32.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SA-18 | | | | | | | |
| SA18P01 | 11/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.00 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 53.00 | 0.810 |
| | | | | | Tetrachloroethene | 16.10 | 0.150 |
| SA18P02 | 11/02/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 10.80 HB,DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 16.30 | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| SA18P03 | 11/05/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.90 Q,DL | 3.00 |
| | | | | | Chloroform | 2.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 27.10 | 0.810 |
| | | | | | Tetrachloroethene | 47.50 | 0.150 |
| | | | | | p-Xylene | 137.00 DL | 224.0 |
| SA18P04 | 11/02/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 12.20 HB,DL | 7.50 |
| | | | | | Chloroform | 6.30 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 6.30 CR,DL | 1.600 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|--------------|--------------------|
| SA-18 | | | | | | | |
| SA18P04 | 11/02/90 | NS | NS | 2 | Trichloroethene | 7.70 DL | 2.025 |
| | | | | | Tetrachloroethene | 41.20 | 0.375 |
| SA18P05 | 11/21/90 | NS | NS | 1 | Chloroform | 21.80 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 21.80 CR,DL | 6.400 |
| | | | | | Trichloroethene | 16700.00 X | 8.100 |
| | | | | | Tetrachloroethene | 638.00 | 1.500 |
| | | | | | Unknown-1 | 2290.00 | NA |
| | 11/21/90 | FD | NS | 1 | Total 1,2-Dichloroethene | 31.50 DL | 30.00 |
| | | | | | Chloroform | 24.60 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 24.60 CR,DL | 6.400 |
| | | | | | Trichloroethene | 15000.00 | 8.100 |
| | | | | | Tetrachloroethene | 508.00 | 1.500 |
| | | | | | Unknown-1 | 2120.00 | NA |
| SA-19 | | | | | | | |
| SA19P01 | 11/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.60 HB,DL | 3.00 |
| | | | | | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 52.60 | 0.810 |
| | | | | | Tetrachloroethene | 18.30 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 4.20 HB,DL | 3.00 |
| | | | | | Chloroform | 0.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 50.20 | 0.810 |
| | | | | | Tetrachloroethene | 17.70 | 0.150 |
| SA19P02 | 11/07/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 9.40 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 4.80 | 0.810 |
| | | | | | Tetrachloroethene | 27.60 | 0.150 |
| SA19P03 | 11/07/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.40 HB,Q,DL | 3.00 |

(Continued)

TABLE 5-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-19 | | | | | | | |
| SA19P03 | 11/07/90 | NS | NS | 1 | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| SA19P04 | 11/07/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 13.60 HB,Q,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| SA19P05 | 11/29/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 18.60 HB,Q | 3.00 |
| | | | | | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 100.00 | 0.150 |
| | 11/29/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 14.80 HB,Q | 3.00 |
| | | | | | Chloroform | 3.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.20 CR | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 93.10 | 0.150 |
| SA19P06 | 11/28/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 51.60 BD | 3.00 |
| | | | | | Chloroform | 6.20 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.20 CR | 0.640 |
| | | | | | Trichloroethene | 4.50 | 0.810 |
| | | | | | Tetrachloroethene | 18.10 | 0.150 |
| | | | | | Toluene | 668.00 DL | 127.0 |
| | | | | | Unknown-1 | 101000.0 | NA |
| SA19P07 | 12/07/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 47.50 HB | 3.00 |
| | | | | | Chloroform | 1.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.60 | 0.150 |
| SA19P08 | 12/10/90 | NS | NS | 1 | Chloroform | 431.00 CR | 3.200 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SA-19 | | | | | | | |
| SA19P08 | 12/10/90 | NS | NS | 1 | 1,1,1-Trichloroethane | 431.00 CR | 3.200 |
| | | | | | Tetrachloroethene | 8.20 | 0.750 |
| SA19P09 | 12/10/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 12.50 DL | 3.00 |
| | | | | | Chloroform | 0.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| SA19P10 | 12/07/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 7.00 DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| SSA-1 | | | | | | | |
| SSA1P01 | 10/31/90 | NS | NS | 2 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 5.40 | 0.150 |
| SSA1P02 | 10/31/90 | NS | NS | 1 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 HB,BD,DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SSA1P03 | 10/31/90 | NS | NS | 1 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| SSA1P04 | 10/31/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 2.90 DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.60 HB,BD,DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SSA-1 | | | | | | | |
| SSA1P05 | 10/31/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.20 DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| SSA1P06 | 10/31/90 | NS | NS | 1 | Chloroform | 4.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 4.50 CR | 0.640 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SSA1P07 | 10/31/90 | NS | NS | 1 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SSA1P08 | 10/31/90 | NS | NS | 1 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.10 DL | 0.150 |
| SSA1P09 | 10/31/90 | NS | NS | 1 | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | 10/31/90 | FD | NS | 1 | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| SSA1P10 | 11/01/90 | NS | NS | 2 | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| SSA1P11 | 11/01/90 | NS | NS | 1 | Trichloroethene | 2.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| | | | | | Chloroform | 1.60 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 1.600 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SSA-1 | | | | | | | |
| SSA1P11 | 11/01/90 | NS | NS | 1 | Trichloroethene | 65.50 | 2.025 |
| | | | | | Tetrachloroethene | 1.40 DL | 0.375 |
| SSA1P12 | 11/01/90 | NS | NS | 2 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| SSA1P13 | 11/21/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 8.60 BD,DL | 3.00 |
| | | | | | Chloroform | 1.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| | | LD | LD | 2 | Total 1,2-Dichloroethene | 6.80 BD | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| SSA1P14 | 11/21/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.20 DL | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SSA1P15 | 11/21/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 4.60 DL | 3.00 |
| | | | | | Chloroform | 0.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SSA1P16 | 11/21/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.10 HB,DL | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 3.30 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SSA-1 | | | | | | | |
| SSA1P16 | 11/21/90 | NS | NS | 1 | Tetrachloroethene | 1.60 | 0.150 |
| SSA-2 | | | | | | | |
| SSA2P01 | 11/08/90 | NS | NS | 2 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| SSA2P02 | 11/08/90 | NS | NS | 2 | Trichloroethene | 174.00 | 8.100 |
| | | | | | Tetrachloroethene | 446.00 | 1.500 |
| SSA2P03 | 11/08/90 | NS | NS | 2 | Trichloroethene | 2.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| SSA2P04 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 8.70 HB,DL | 3.00 |
| | | | | | Chloroform | 2.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| SSA2P05 | 11/08/90 | NS | NS | 2 | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.20 | 0.150 |
| SSA2P06 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.40 HB,DL | 3.00 |
| | | | | | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 4.20 HB,DL | 3.00 |
| | | | | | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SSA-2 | | | | | | | |
| SSA2P06 | 11/08/90 | NS | LD | 1 | Trichloroethene | 1.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.30 DL | 0.150 |
| SSA2P07 | 11/08/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.30 HB,DL | 3.00 |
| | | | | | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SSA2P08 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.10 HB,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |
| SSA2P09 | 11/08/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.20 HB,DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.70 HB,BD | 0.150 |
| SSA2P10 | 11/12/90 | NS | NS | 1 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SSA2P11 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 14.40 DL | 3.00 |
| | | | | | Chloroform | 3.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.80 | 0.150 |
| SSA2P12 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 4.20 DL | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.70 BD,DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--|--|--|
| SSA-2 | | | | | | | |
| SSA2P12 | 11/09/90 | NS | NS | 1 | Tetrachloroethene Unknown-1 | 0.70 DL 19800.00 | 0.150 NA |
| SSA2P13 | 11/09/90 | NS | NS | 2 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene Unknown-1 | 7.90 HB,DL 3.30 CR,BC 3.30 CR,BC 2.50 DL 1.40 1150.00 | 3.00 0.640 0.640 0.810 0.150 NA |
| SSA2P14 | 11/13/90 | NS | NS | 1 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Tetrachloroethene | 27.40 HB,Q 6.50 CR 6.50 CR 1.10 | 3.00 0.640 0.640 0.150 |
| SSA2P16 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 5.70 HB,DL 1.60 CR,DL 1.60 CR,DL 1.10 DL 0.80 | 3.00 0.640 0.640 0.810 0.150 |
| SSA2P17 | 11/09/90 | NS | NS | 2 | Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 8.90 BC,CR 8.90 BC,CR 9.60 1.60 | 0.640 0.640 0.810 0.150 |
| | | | LD | 2 | Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 9.00 BC,CR 9.00 BC,CR 10.00 1.30 | 0.640 0.640 0.810 0.150 |
| SSA2P18 | 11/13/90 | NS | NS | 2 | Total 1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Trichloroethene Tetrachloroethene | 7.70 HB,DL 1.60 CR DL 1.60 CR,DL 0.80 DL 0.90 | 3.00 0.640 0.640 0.810 0.150 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SSA-2 | | | | | | | |
| SSA2P19 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 5.10 DL | 3.00 |
| | | | | | Chloroform | 3.60 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.60 CR | 0.640 |
| | | | | | Trichloroethene | 0.70 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.10 | 0.150 |
| | | | LD | 1 | Total 1,2-Dichloroethene | 5.30 DL | 3.00 |
| | | | | | Chloroform | 3.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.70 CR | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.00 | 0.150 |
| SSA2P20 | 11/09/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 3.40 HB,DL | 3.00 |
| | | | | | Chloroform | 2.40 BC,CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 BC,CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| SSA2P21 | 11/09/90 | NS | NS | 1 | Total 1,2-Dichloroethene | 3.40 DL | 3.00 |
| | | | | | Chloroform | 6.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 6.10 CR | 0.640 |
| | | | | | Tetrachloroethene | 0.70 DL | 0.150 |
| SSA2P22 | 11/09/90 | NS | NS | 2 | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.40 | 0.150 |
| SSA2P23 | 11/09/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.10 HB,DL | 3.00 |
| | | | | | Chloroform | 2.00 BC,CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.00 BC,CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 6.10 HB,DL | 3.00 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|---------------|--------------------|
| SSA-2 | | | | | | | |
| SSA2P23 | 11/09/90 | NS | LD | 2 | Chloroform | 3.40 BC,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.40 BC,CR | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| SSA2P24 | 11/09/90 | NS | NS | 2 | Chloroform | 1.80 BC,CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.80 BC,CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.90 DL | 0.810 |
| | | | | | Tetrachloroethene | 27.40 | 0.150 |
| SSA2P25 | 11/09/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.10 HB,DL | 3.00 |
| | | | | | Chloroform | 8.60 BC,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 8.60 BC,CR | 0.640 |
| | | | | | Trichloroethene | 4.70 | 0.810 |
| | | | | | Tetrachloroethene | 30.50 | 0.150 |
| | 11/09/90 | FD | NS | 2 | Chloroform | 7.70 BC,CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 7.70 BC,CR | 0.640 |
| | | | | | Trichloroethene | 4.10 | 0.810 |
| | | | | | Tetrachloroethene | 29.60 | 0.150 |
| SSA2P26 | 12/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.70 Q,DL | 3.00 |
| | | | | | Chloroform | 3.90 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.90 CR | 0.640 |
| | | | | | Trichloroethene | 1.50 DL,BD | 0.810 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| SSA2P27 | 12/04/90 | NS | NS | 1 | Chloroform | 4.50 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 4.50 CR,DL | 3.200 |
| | | | | | Trichloroethene | 96.80 | 4.050 |
| | | | | | Tetrachloroethene | 1120.00 X | 0.750 |
| SSA2P28 | 12/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 15.00 Q,DL | 3.00 |
| | | | | | Chloroform | 0.60 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.60 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |

(Continued)

TABLE B-1 (Continued)

| Location | Date Sampled | Field Analysis | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------------------|-----------------|------------|--------------------------|------------|--------------------|
| SSA-2 | | | | | | | |
| SSA2P28 | 12/04/90 | NS | NS | 2 | Tetrachloroethene | 1.20 | 0.150 |
| | 12/04/90 | FD | NS | 2 | Total 1,2-Dichloroethene | 4.90 Q,DL | 3.00 |
| | | | | | Chloroform | 2.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| SSA2P29 | 12/05/90 | NS | NS | 1 | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Tetrachloroethene | 1.30 | 0.150 |
| SSA2P30 | 12/05/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 6.70 DL | 3.00 |
| | | | | | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.20 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| SSA2P31 | 12/04/90 | NS | NS | 2 | Total 1,2-Dichloroethene | 10.00 Q,DL | 3.00 |
| | | | | | Chloroform | 7.10 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 7.10 CR | 0.640 |
| | | | | | Trichloroethene | 0.60 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.80 | 0.150 |

DATAFLAGS:

- D = Sample dilution necessary for this analyte
- Q = Calibration is outside control limit
- BC = Value suspect due to contamination in blank
- BD = Value suspect due to baseline drift
- CP = Value suspect due to coeluting peaks
- CR = Chloroform and 1,1,1-TCA coelute and are calculated with a combined response factor
- HB = Value suspect due to high background
- LS = Value suspect due to leak in system
- DL = Estimated value less than 5 times the detection limit
- X = Estimated value beyond instrument calibration range
- S = Site
- SA = Study Area
- SSA = Special Study Area

NOTE:

- NA = Not Available - The detection limit was not specified for tentatively identified compounds (TICS).

UNITS:

All results are in parts per billion by volume, ppbv.

APPENDIX C

Analytical Results for Canister Samples

TABLE C-1 MASTER LOG OF CANISTER SAMPLES
 OPERABLE UNIT B SOIL GAS PROGRAM
 SEPTEMBER THROUGH DECEMBER 1990, McCLELLAN AIR FORCE BASE

| Sample Location | Field Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|--------------------|-----------------|-------------------|-----------------|------------------|------------------------------|--------|--------------------|
| 23P19 | TO-14 | NS | 12/12/90 | 12/23/90 | Acetone | 14 | (2) |
| | | | | | Cyclohexane | 19 | (2) |
| | | | | | Methanol | 770 | (20) |
| | | | | | Toluene | 2.6 a | (2) |
| 23P31 | TO-14 | NS | 10/24/90 | 12/14/90 | Chlorotrifluoroethene | 250 | |
| | | | | | Dichloroethene | 2600 | |
| | | | | | Dichlorotrifluoroethane | 87 | |
| | | | | | Freon 113 | 1600 | |
| | | | | | Toluene | 280 a | (140) |
| | | | | | Vinyl Chloride | 880 | (74) |
| | | | | | m,p-Xylene | 94 a | (62) |
| 30P13 | TO-14 | NS | 12/12/90 | 12/23/90 | Acetone | 43 a | (18) |
| | | | | | Methanol | 440 a | (180) |
| | | | | | Trichloroethene | 5100 E | (18) |
| 36P01 | TO-14 | NS | 10/16/90 | 12/13/90 | Acetone | 11 | |
| | | | | | Carbon Disulfide | 15 | |
| | | | | | Ethylhexanone | 3.9 | |
| | | | | | Hexamethylcyclotrisiloxane | 51 a | |
| | | | | | Octamethylcyclotetrasiloxane | 200 a | |
| | | | | | Propenal | 5.8 | |
| | | | | | Tetrachloroethene | 160 | (9.1) |
| 47P13 | TO-14 | NS | 12/13/90 | 12/23/90 | Acetone | 21 a | (18) |
| | | | | | Benzene | 20 a | (18) |
| | | | | | Cyclohexane | 85 a | (18) |
| | | | | | Methanol | 790 | (20) |
| | | | | | Propylene | 210 | (18) |
| 47P18 | TO-14 | NS | 12/11/90 | 12/20/90 | Acetone | 64 a | (18) |
| | | | | | Cyclohexane | 440 | (18) |
| | | | | | Methanol | 6600 | (180) |
| | | | | | Tetrachloroethene | 810 | (18) |
| | | | | | Trichloroethene | 900 | (18) |
| 48P01 | TO-14 | NS | 10/24/90 | 12/14/90 | Chlorotrifluoroethene | 390 | |
| | | | | | Dichloroethene | 4000 | |
| | | | | | Freon 113 | 1700 | |
| | | | | | Siloxane | 60 a | |
| | | | | | Toluene | 430 | (160) |
| | | | | | Trichloroethene | 80 | |
| | | | | | Trichlorofluoromethane | 84 | |

(Continued.)

TABLE C-1 (Continued)

| Sample Location | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|--------------------|--------|-------------------|-----------------|------------------|------------------------------|-----------|--------------------|
| 48P01 | TO-14 | NS | 10/24/90 | 12/14/90 | Vinyl Chloride | 1300 | (81) |
| | | | | | m,p-Xylene | 110 | (68) |
| BN-334 | TO-14 | NS | 12/07/90 | 12/20/90 | Acetone | 57 | (3.2) |
| | | | | | Benzene | 4.4 a | (3.2) |
| | | | | | Freon 113 | 6.4 a | (3.2) |
| | | | | | N,N-Dimethylacetamide | 39 | (3.2) |
| | | | | | Toluene | 4.3 a | (3.2) |
| L5P30 | TO-14 | NS | 10/24/90 | 12/14/90 | 1,3-Dichlorobenzene | 310000 | (6200) |
| | | | | | Butane | 12000 | |
| | | | | | Cyclohexane | 18000 | |
| | | | | | Decamethylcyclopentasiloxane | 1800000 a | |
| | | | | | Dimethylbutane | 95000 b | |
| | | | | | Dimethylbutane | 32000 b | |
| | | | | | Dimethylhexane | 17000 b | |
| | | | | | Dimethylhexane | 29000 b | |
| | | | | | Dimethylpentane | 180000 b | |
| | | | | | Dimethylpentane | 10000 b | |
| | | | | | Dimethylpentane | 200000 b | |
| | | | | | Hexamethylcyclotrisiloxane | 18000 a | |
| | | | | | Hexane | 20000 | |
| | | | | | Methylbutane | 160000 | |
| | | | | | Methylpentane | 65000 | |
| | | | | | Octamethylcyclotetrasiloxane | 1900000 a | |
| | | | | | Pentane | 12000 | |
| | | | | | Siloxane | 35000 a | |
| | | | | | Trimethylhexane | 76000 b | |
| | | | | | Trimethylhexane | 24000 b | |
| | | | | | Trimethylpentane | 31000 b | |
| | | | | | Trimethylpentane | 230000 b | |
| | | | | | m,p-Xylene | 8700 | (5300) |
| L5P53 | TO-14 | NS | 11/14/90 | 12/17/90 | 1,1,1-Trichloroethane | 140 a | (64) |
| | | | | | Freon 113 | 4000 | |
| | | | | | Tetrachloroethene | 380 a | (86) |
| L5P77 | TO-14 | NS | 12/13/90 | 12/23/90 | 1,1-Dichloroethene | 170 | (17) |
| | | | | | Acetone | 1200 | (17) |
| | | | | | Carbon Tetrachloride | 1700 E | (17) |
| | | | | | Chloroform | 24 a | (17) |
| | | | | | Chlorotrifluoroethene | 68 a | (17) |
| | | | | | Freon 113 | 21000 E | (17) |
| | | | | | Tetrachloroethene | 4300 E | (17) |
| | | | | | Trichloroethene | 380 | (17) |

(Continued.)

TABLE C-1 (Continued)

| Sample Location | Field Method | Date Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|--------------------|-----------------|------------------|-----------------|------------------|-------------------------|---------|--------------------|
| L5P86 | TO-14 | NS | 12/11/90 | 12/20/90 | Freon 113 | 3800 | (370) |
| | | | | | Trichloroethene | 60000 E | (370) |
| | | | | | cis-1,2-Dichloroethene | 4700 | (370) |
| L5P102 | TO-14 | NS | 12/12/90 | 12/21/90 | Acetone | 140 | (18) |
| | | | | | Freon 113 | 2600 E | (18) |
| | | | | | Methanol | 960 | (180) |
| | | | | | Trichloroethene | 360 | (18) |
| L5P116 | TO-14 | NS | 12/07/90 | 12/20/90 | 1,1,1-Trichloroethane | 230 | (20) |
| | | | | | 1,1-Dichloroethene | 190 | (20) |
| | | | | | Acetone | 940 | (20) |
| | | | | | Freon 113 | 4000 E | (20) |
| | | | | | Methanol | 210 a | (200) |
| | | | | | N,N-Dimethylacetamide | 3200 | (200) |
| | | | | | Tetrachloroethene | 430 | (20) |
| L5P145 | TO-14 | NS | 12/13/90 | 12/23/90 | Benzene | 65 a | (31) |
| | | | | | Chloroform | 370 | (31) |
| | | | | | Cyclohexane | 25000 E | (31) |
| | | | | | Freon 113 | 34 a | (31) |
| | | | | | Heptane | 130 a | (31) |
| | | | | | Methanol | 1800 | (310) |
| | | | | | Tetrachloroethene | 270 | (31) |
| | | | | | Trichloroethene | 54000 E | (31) |
| | | | | | cis-1,2-Dichloroethene | 1500 | (31) |
| | | | | | m,p-Xylene | 32 a | (31) |
| | | | | | n-Octane | 100 a | (31) |
| L6P02 | TO-14 | NS | 12/11/90 | 12/23/90 | 1,3-Dimethylcyclohexane | 1600 a | (360) |
| | | | | | Benzene | 430 a | (360) |
| | | | | | Cyclohexane | 2000 | (360) |
| | | | | | Freon 113 | 1500 a | (360) |
| | | | | | Tetrachloroethene | 9400 | (360) |
| | | | | | Trichloroethene | 6200 | (360) |
| | | | | | Unknown Hydrocarbon | 950 a | (360) |
| | | | | | Unknown Hydrocarbon | 1100 a | (360) |
| | | | | | Unknown Hydrocarbon | 1200 a | (360) |
| | | | | | Unknown Hydrocarbon | 3000 | (360) |
| | | | | | Unknown Hydrocarbon | 980 a | (360) |
| | | | | | Unknown Hydrocarbon | 1500 a | (360) |
| | | | | | Unknown Hydrocarbon | 1000 a | (360) |
| | | | | | Unknown Hydrocarbon | 1300 a | (360) |
| | | | | | cis-1,2-Dichloroethene | 1200 a | (360) |
| | | | | | m,p-Xylene | 380 a | (360) |

(Continued.)

TABLE C-1 (Continued)

| Sample Location | Field Method | Date Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|--------------------|-----------------|------------------|-----------------|------------------|------------------------------|-----------|--------------------|
| L6P30 | TO-14 | NS | 10/24/90 | 12/14/90 | 1,1-Dichloroethane | 28000 a | (10000) |
| | | | | | 1,2-Dichlorobenzene | 89000 | (11000) |
| | | | | | 1,3-Dichlorobenzene | 29000 a | (8200) |
| | | | | | Chlorotrifluoroethene | 468000 | |
| | | | | | Cyclohexane | 9600 | |
| | | | | | Decamethylcyclopentasiloxane | 1900000 a | |
| | | | | | Decene | 34800 | |
| | | | | | Dichloroethene | 3120000 | |
| | | | | | Dimethylpentene | 11300 | |
| | | | | | Freon 113 | 2280000 | |
| | | | | | Heptane | 9400 | |
| | | | | | Hexamethylcyclotrisiloxane | 25300 a | |
| | | | | | Nonane | 34700 | |
| | | | | | Octamethylcyclotetrasiloxane | 2100000 a | |
| | | | | | Tetrachloroethene | 61000 | (11000) |
| | | | | | Toluene | 620000 | (16000) |
| | | | | | Trichloroethene | 25000 | |
| | | | | | Undecane | 27500 | |
| | | | | | Unknown C7H16 | 7100 | |
| | | | | | Unknown C9H16 | 16800 | |
| | | | | | Unknown C9H18 | 32300 | |
| S13P07 | TO-14 | NS | 11/14/90 | 12/17/90 | Vinyl Chloride | 1600000 | (8400) |
| | | | | | m,p-Xylene | 19000 a | (7000) |
| | | | | | n-Octane | 16000 | |
| | | | | | Benzene | 2.6 a | (2.2) |
| | | | | | Cyclohexane | 2.9 | |
| | | | | | Freon 113 | 16 | |
| | | | | | Hexamethylcyclotrisiloxane | 1.6 a | |
| | | | | | Nonane | 1.5 | |
| S28P03 | TO-14 | NS | 10/22/90 | 12/13/90 | Octamethylcyclotetrasiloxane | 9.5 a | |
| | | | | | Pentane | 1.8 | |
| | | | | | Trichloroethene | 9.2 | |
| | | | | | Acetaldehyde | 4.9 | |
| | | | | | Acetone | 6.1 | |
| | | | | | Dimethyldecane | 7.7 | |
| | | | | | Ethyltetramethylheptane | 4.3 | |
| | | | | | Freon 113 | 54 | |
| S34P22 | TO-14 | NS | 12/07/90 | 12/20/90 | Trimethyldecane | 4.1 | |
| | | | | | Trimethylhexane | 3.9 | |
| | | | | | 1,2,4-Trimethylbenzene | 2.9 a | (1.6) |
| | | | | | 2-Butanone | 26 | (1.6) |
| | | | | | Acetone | 33 | (1.6) |
| | | | | | Benzene | 3.3 a | (1.6) |

(Continued.)

TABLE C-1 (Continued)

| Sample Location | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|--------------------|--------|-------------------|-----------------|------------------|-----------------------|--------|--------------------|
| S34P22 | TO-14 | NS | 12/07/90 | 12/20/90 | Carbon Tetrachloride | 6.5 @ | (1.6) |
| | | | | | Chloroform | 2.5 @ | (1.6) |
| | | | | | Cyclohexane | 83 | (1.6) |
| | | | | | Freon 113 | 24 | (1.6) |
| | | | | | Methanol | 38 @ | (16) |
| | | | | | N,N-Dimethylacetamide | 110 | (16) |
| | | | | | Propylene | 6.2 @ | (1.6) |
| | | | | | Tetrachloroethene | 5.4 @ | (1.6) |
| | | | | | Toluene | 76 | (1.6) |
| | | | | | Trichloroethene | 84 | (1.6) |
| | | | | | m,p-Xylene | 2.2 @ | (1.6) |
| S35P14 | TO-14 | NS | 10/16/90 | 12/14/90 | Cyclohexane | 110000 | |
| | | | | | Trichloroethene | 870 | |
| SA4P20 | TO-14 | NS | 12/12/90 | 12/21/90 | Acetone | 47 | (2) |
| | | | | | Benzene | 5.2 @ | (2) |
| | | | | | Cyclohexane | 14 | (2) |
| | | | | | Methanol | 620 | (20) |
| | | | | | Propylene | 6.5 @ | (2) |
| | | | | | Tetrachloroethene | 18 | (2) |
| | | | | | Toluene | 5.9 @ | (2) |
| | | | | | m,p-Xylene | 2.9 @ | (2) |
| SA7P08 | TO-14 | NS | 10/08/90 | 12/14/90 | 1,1,1-Trichloroethane | 3800 | (77) |
| | | | | | 1,1-Dichloroethane | 200 @ | (92) |
| | | | | | Carbon Disulfide | 48 | |
| | | | | | Chloroform | 100 @ | (67) |
| | | | | | Dichloroethene | 150 | |
| | | | | | Heptane | 100 | |
| | | | | | Methylcyclohexane | 240 | |
| | | | | | Tetrachloroethene | 4800 | (100) |
| | | | | | Trichloroethene | 180 | |
| SA10P03 | TO-14 | NS | 12/10/90 | 12/20/90 | m,p-Xylene | 100 @ | (63) |
| | | | | | 1,1,1-Trichloroethane | 35 | (2.6) |
| | | | | | 1,1-Dichloroethene | 9.4 @ | (2.6) |
| | | | | | Acetone | 32 | (2.6) |
| | | | | | Freon 113 | 4.0 @ | (2.6) |
| | | | | | Tetrachloroethene | 110 | (2.6) |
| SA11P09 | TO-14 | NS | 12/11/90 | 12/20/90 | Trichloroethene | 8.9 @ | (2.6) |
| | | | | | Acetone | 22 @ | (15) |
| | | | | | Cyclohexane | 68 @ | (15) |
| | | | | | Freon 113 | 20 @ | (15) |
| | | | | | Methanol | 15000 | (160) |

(Continued.)

TABLE C-1 (Continued)

| Sample Location | Field Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|--------------------|-----------------|-------------------|-----------------|------------------|------------------------------|----------|--------------------|
| SA12P15 | TO-14 | NS | 12/12/90 | 12/21/90 | Acetone | 8.9 a | (6.1) |
| | | | | | Bromomethane | 22 a | (6.1) |
| | | | | | Methanol | 1400 | (61) |
| | | | | | Tetrachloroethene | 460 | (6.1) |
| | | | | | Trichloroethene | 20 a | (6.1) |
| SA16P04 | TO-14 | NS | 12/13/90 | 12/23/90 | 1,2,4-Trimethylbenzene | 18000 | (1400) |
| | | | | | 1,3,5-Trimethylbenzene | 5700 a | (1400) |
| | | | | | 2,3-Dimethylhexane | 400000 | (1400) |
| | | | | | 2,3-Dimethylpentene | 930000 | (1400) |
| | | | | | 2-Methylbutane | 170000 | (1400) |
| | | | | | 2-Methylheptane | 400000 | (1400) |
| | | | | | 3-Methylpentane | 330000 | (1400) |
| | | | | | Benzene | 150000 E | (1400) |
| | | | | | Cyclohexane | 500000 | (1400) |
| | | | | | Ethylbenzene | 51000 E | (1400) |
| | | | | | Ethylcyclohexane | 460000 | (1400) |
| | | | | | Freon 113 | 16000 | (1400) |
| | | | | | Heptane | 550000 | (1400) |
| | | | | | Hexane | 420000 | (1400) |
| | | | | | Nonane | 200000 | (1400) |
| | | | | | Pentane | 200000 | (1400) |
| | | | | | Toluene | 11000 | (1400) |
| SA19P06 | TO-14 | NS | 12/11/90 | 12/20/90 | m,p-Xylene | 120000 | (1400) |
| | | | | | n-Octane | 270000 | (1400) |
| | | | | | o-Xylene | 22000 | (1400) |
| | | | | | Cyclohexane | 9900 E | (3.1) |
| | | | | | Methanol | 5100 | (31) |
| SSA2P27 | TO-14 | NS | 12/13/90 | 12/23/90 | Tetrachloroethene | 95 | (3.1) |
| | | | | | Toluene | 68 | (3.1) |
| | | | | | Trichloroethene | 8.1 a | (3.1) |
| | | | | | Acetone | 100 | (16) |
| T8P03 | TO-14 | NS | 12/13/90 | 12/23/90 | Dichlorotrifluoroethane | 290 | (16) |
| | | | | | Freon 113 | 2000 E | (16) |
| | | | | | Tetrachloroethene | 1200 | (16) |
| | | | | | Trichloroethene | 98 | (16) |
| | | | | | 1,1,3-Trimethylcyclohexane | 370000 | (1800) |
| | | | | | 1,2,3-Trimethylcyclopentane | 140000 | (1800) |
| | | | | | 1,2,4-Trimethylcyclopentane | 100000 | (1800) |
| | | | | | 1,2-Dimethylcyclopentane | 260000 | (1800) |
| | | | | | 1,3-Dimethylcyclohexane | 310000 | (1800) |
| | | | | | 1-Ethyl-3-methylcyclopentane | 140000 | (1800) |

(Continued.)

TABLE C-1 (Continued)

| Sample Location | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|--------------------|--------|-------------------|-----------------|------------------|---------------------|--------|--------------------|
| T8P03 | TO-14 | NS | 12/13/90 | 12/23/90 | 2,3-Dimethylpentane | 51000 | (1800) |
| | | | | | 2,3-Dimethylpentene | 460000 | (1800) |
| | | | | | 3-Methylpentane | 33000 | (1800) |
| | | | | | Benzene | 3000 a | (1800) |
| | | | | | Butylcyclopentane | 100000 | (1800) |
| | | | | | Cyclohexane | 130000 | (1800) |
| | | | | | m,p-Xylene | 3000 a | (1800) |
| | | | | | n-Octane | 11000 | (1800) |

DATAFLAGS:

- a = The results are less than five times the method specified detection limit. Uncertainty of the analysis will increase as the method detection limit is approached. These results should be considered approximate.
- a = This compound is the result of bleeding of chromatographic material and is not in the soil gas sample itself.
- b = The specific isomer of this compound was not specified and a result was reported for each isomer quantitated.
- E = Concentration of compound exceeds calibration range for that particular analysis.

FIELD ANALYSIS:

NS = Normal Sample.

UNITS:

All results are in parts per billion by volume, ppbv.

NOTES:

Those compounds where detection limits are not specified are tentatively identified compounds (TICs). Freon 113 is also called 1,1,2-Trichloro-1,2,2-trifluoroethane.

APPENDIX D

Analytical Results for Downhole Soil Gas Samples

TABLE D-1 ANALYTICAL RESULTS FOR DOWNHOLE SOIL GAS SAMPLES,
 OPERABLE UNIT B SOIL GAS INVESTIGATION,
 SEPTEMBER THROUGH DECEMBER 1990, McCLELLAN AIR FORCE BASE

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 23 | | | | | | | |
| 23D0101 | 10/05/90 | 7.50 | NS | 2 | Trichloroethene | 32.50 DL | 8.100 |
| | | | | | Tetrachloroethene | 2.30 DL | 1.500 |
| | | | | | p-Xylene | 9900.00 DL | 2240.0 |
| 23D0102 | 10/05/90 | 12.50 | NS | 2 | Total 1,2-Dichloroethene | 13.40 BD,DL | 3.00 |
| | | | | | Chloroform | 1.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 4.00 | 0.150 |
| 23D0103 | 10/05/90 | 37.50 | NS | 1 | Total 1,2-Dichloroethene | 12.00 HB,DL | 3.00 |
| | | | | | Chloroform | 1.20 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.20 CR,DL | 0.640 |
| | | | | | Trichloroethene | 10.10 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 D' | 0.150 |
| 23D0104 | 10/05/90 | 50.50 | NS | 1 | Chloroform | 5.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 5.00 CR | 0.640 |
| | | | | | Trichloroethene | 29.70 | 0.810 |
| | | | | | Tetrachloroethene | 12.00 | 0.150 |
| 23D0105 | 10/05/90 | 72.00 | NS | 1 | Total 1,2-Dichloroethene | 76.40 HB | 3.00 |
| | | | | | Chloroform | 2.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 14.40 | 0.810 |
| | | | | | Tetrachloroethene | 4.10 | 0.150 |
| 23D0201 | 10/08/90 | 9.50 | NS | 1 | Chloroform | 2.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 7.90 | 0.810 |
| 23D0202 | 10/08/90 | 18.00 | NS | 1 | Chloroform | 1.30 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.30 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.40 DL | 0.150 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|------------|--------------------|
| SITE 23 | | | | | | | |
| 23D0203 | 10/09/90 | 26.50 | NS | 1 | Total 1,2-Dichloroethene | 6.10 DL | 3.00 |
| | | | | | Chloroform | 3.70 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.70 CR | 0.640 |
| | | | | | Trichloroethene | 0.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| 23D0204 | 10/09/90 | 49.00 | NS | 1 | Chloroform | 10.10 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 10.10 CR | 1.600 |
| | | | | | Trichloroethene | 9.60 DL | 2.025 |
| | | | | | Tetrachloroethene | 7.70 | 0.375 |
| | | | | | Unknown-1 | 50.00 | NA |
| 23D0205 | 10/09/90 | 70.50 | NS | 1 | Total 1,2-Dichloroethene | 4.70 DL | 3.00 |
| | | | | | Chloroform | 2.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.20 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.10 | 0.150 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 3.40 DL | 3.00 |
| | | | | | Chloroform | 3.30 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.30 CR | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| 23D0301 | 10/10/90 | 8.00 | NS | 1 | Chloroform | 3.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 32.00 | 0.810 |
| 23D0302 | 10/10/90 | 19.00 | NS | 1 | Chloroform | 2.10 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.10 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.00 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.20 | 0.150 |
| 23D0303 | 10/11/90 | 34.00 | NS | 1 | Chloroform | 1.40 CR,DL | 0.640 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 23 | | | | | | | |
| 23D0303 | 10/11/90 | 34.00 | NS | 1 | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 1.40 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.00 | 0.150 |
| 23D0304 | 10/11/90 | 54.00 | NS | 1 | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.80 | 0.810 |
| | | | | | Tetrachloroethene | 2.70 | 0.150 |
| | | | | | Unknown-1 | 912.00 | NA |
| | | | LD | 1 | Chloroform | 0.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 6.40 | 0.810 |
| | | | | | Tetrachloroethene | 2.60 | 0.150 |
| | | | | | Unknown-1 | 860.00 | NA |
| 23D0305 | 10/11/90 | 67.00 | NS | 1 | Total 1,2-Dichloroethene | 4.10 DL | 3.00 |
| | | | | | Chloroform | 3.50 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR | 0.640 |
| | | | | | Trichloroethene | 1.50 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.60 | 0.150 |
| | | | | | p-Xylene | 140.00 DL | 224.0 |
| 23D0401 | 10/12/90 | 10.00 | NS | 2 | Total 1,2-Dichloroethene | 14.40 HB,DL | 3.00 |
| | | | | | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 15.70 | 0.810 |
| | | | | | Tetrachloroethene | 1.70 | 0.150 |
| 23D0402 | 10/12/90 | 16.50 | NS | 1 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 1.50 | 0.150 |
| 23D0403 | 10/12/90 | 35.00 | NS | 1 | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|-------------|--------------------|
| SITE 23 | | | | | | | |
| 23D0403 | 10/12/90 | 35.00 | NS | 1 | Trichloroethene | 8.00 | 0.810 |
| | | | | | Tetrachloroethene | 3.70 | 0.150 |
| 23D0404 | 10/15/90 | 54.00 | NS | 2 | Total 1,2-Dichloroethene | 7.10 HB,DL | 3.00 |
| | | | | | Chloroform | 2.70 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 0.640 |
| | | | | | Trichloroethene | 9.50 | 0.810 |
| | | | | | Tetrachloroethene | 7.80 | 0.150 |
| | | | | | Unknown-1 | 465.00 | NA |
| 23D0405 | 10/15/90 | 79.00 | NS | 1 | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.10 DL | 0.810 |
| | | | | | Tetrachloroethene | 2.30 | 0.150 |
| 23D0501 | 10/16/90 | 8.50 | NS | 2 | Chloroform | 2.70 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 2.70 CR,DL | 6.400 |
| | | | | | Trichloroethene | 3.60 DL | 8.100 |
| | | | | | Tetrachloroethene | 4280.00 D | 1.500 |
| 23D0502 | 10/17/90 | 76.50 | NS | 2 | Chloroform | 1.50 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.50 CR,DL | 0.640 |
| | | | | | Trichloroethene | 5.00 | 0.810 |
| | | | | | Tetrachloroethene | 3.50 | 0.150 |
| 23D0601 | 10/17/90 | 8.50 | NS | 2 | Chloroform | 32.00 BD,CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 32.00 BD,CR | 6.400 |
| | | | | | Trichloroethene | 14.20 DL | 8.100 |
| | | | | | Tetrachloroethene | 3200.00 X | 1.500 |
| 23D0602 | 10/17/90 | 20.50 | NS | 1 | Chloroform | 5.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 5.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 13.60 DL | 8.100 |
| | | | | | Tetrachloroethene | 5070.00 X | 1.500 |
| | | | LD | 1 | Chloroform | 14.80 CR,DL | 6.400 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|--------------|-------|--------------|------------|--------------------------|-------------|-----------------|
| SITE 23 | | | | | | | |
| 23D0602 | 10/17/90 | 20.50 | LD | 1 | 1,1,1-Trichloroethane | 14.80 CR,DL | 6.400 |
| | | | | | Trichloroethene | 18.80 DL | 8.100 |
| | | | | | Tetrachloroethene | 4230.00 X | 1.500 |
| 23D0603 | 10/18/90 | 28.00 | NS | 2 | Total 1,2-Dichloroethene | 2.40 HB,DL | 3.00 |
| | | | | | Chloroform | 0.80 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 0.80 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 40.60 | 0.150 |
| 23D0604 | 10/18/90 | 49.00 | NS | 1 | Chloroform | 2.50 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 2.50 CR,DL | 1.600 |
| | | | | | Trichloroethene | 73.90 | 2.025 |
| | | | | | Tetrachloroethene | 254.00 | 0.375 |
| 23D0605 | 10/18/90 | 71.00 | NS | 1 | Total 1,2-Dichloroethene | 3.40 Q,DL | 3.00 |
| | | | | | Chloroform | 1.40 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.40 CR,DL | 0.640 |
| | | | | | Trichloroethene | 0.30 DL | 0.810 |
| | | | | | Tetrachloroethene | 46.50 | 0.150 |
| SITE 24 | | | | | | | |
| 24D0101 | 09/24/90 | 9.00 | NS | 1 | Total 1,2-Dichloroethene | 52.80 DL | 30.00 |
| | | | | | Chloroform | 126.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 126.00 CR | 6.400 |
| | | | | | Trichloroethene | 949.00 | 8.100 |
| | | | | | Tetrachloroethene | 14.40 | 1.500 |
| 24D0102 | 09/24/90 | 18.00 | NS | 2 | Total 1,2-Dichloroethene | 29.70 DL | 30.00 |
| | | | | | Chloroform | 13.60 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 13.60 CR,DL | 6.400 |
| | | | | | Trichloroethene | 47.00 | 8.100 |
| | | | | | Tetrachloroethene | 7.50 | 1.500 |
| | | | | | p-Xylene | 57610.00 D | 2240.0 |
| | | | | | o-Xylene | 50855.00 D | 2420.0 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 24 | | | | | | | |
| 24D0102 | 09/24/90 | 18.00 | NS | 2 | Unknown-1 | 60455.00 | NA |
| | | | | | Unknown-2 | 103570.0 | NA |
| 24D0103 | 09/24/90 | 22.00 | NS | 2 | Total 1,2-Dichloroethene | 35.60 DL | 30.00 |
| | | | | | Chloroform | 8.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 8.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 23.50 DL | 8.100 |
| | | | | | Tetrachloroethene | 5.70 DL | 1.500 |
| | | | | | Benzene | 8990.00 D,DL | 2520.0 |
| | | | | | Toluene | 8365.00 D,DL | 1270.0 |
| | | | | | p-Xylene | 193261.0 D | 2240.0 |
| | | | | | o-Xylene | 165164.0 D | 2420.0 |
| | | | | | Unknown-1 | 142300.0 D | NA |
| | | | | | Unknown-2 | 480390.0 D | NA |
| 24D0104 | 09/25/90 | 39.00 | NS | 2 | Total 1,2-Dichloroethene | 124.00 D | 3.00 |
| | | | | | Chloroform | 14.00 CR | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 14.00 CR | 0.640 |
| | | | | | Trichloroethene | 439.00 D | 0.810 |
| | | | | | Tetrachloroethene | 21.50 | 0.150 |
| | | | | | Benzene | 2889.00 | 252.0 |
| | | | | | Toluene | 4535.00 DL | 127.0 |
| | | | | | p-Xylene | 28605.00 | 224.0 |
| | | | | | o-Xylene | 26292.00 | 242.0 |
| | | | | | Unknown-1 | 28374.00 | NA |
| 24D0105 | 09/25/90 | 44.00 | NS | 2 | Chloroform | 9.00 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 9.00 CR,DL | 3.200 |
| | | | | | Trichloroethene | 11.00 DL | 4.050 |
| | | | | | Tetrachloroethene | 0.80 DL | 0.750 |
| | | | | | p-Xylene | 1170.00 DL | 1120.0 |
| | | | | | o-Xylene | 885.00 DL | 1210.0 |
| | | | LD | 2 | Chloroform | 7.20 CR,DL | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 7.20 CR,DL | 3.200 |
| | | | | | Trichloroethene | 11.00 DL | 4.050 |
| | | | | | Tetrachloroethene | 6.50 | 0.750 |
| | | | | | p-Xylene | 1290.00 DL | 1120.0 |
| | | | | | | | |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|---------------|--------------------|
| SITE 24 | | | | | | | |
| 24D0105 | 09/25/90 | 44.00 | LD | 2 | o-Xylene | 830.00 DL | 1210.0 |
| 24D0106 | 09/25/90 | 56.50 | NS | 2 | Total 1,2-Dichloroethene | 42.80 DL | 15.00 |
| | | | | | Chloroform | 192.00 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 192.00 CR | 3.200 |
| | | | | | Trichloroethene | 530.00 D | 4.050 |
| | | | | | Tetrachloroethene | 57.50 | 0.750 |
| | | | | | p-Xylene | 19545.00 CP | 1120.0 |
| | | | | | o-Xylene | 2740.00 CP,DL | 1210.0 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 42.80 DL | 15.00 |
| | | | | | Chloroform | 200.00 CR | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 200.00 CR | 3.200 |
| | | | | | Trichloroethene | 615.00 D | 4.050 |
| | | | | | Tetrachloroethene | 6.50 | 0.750 |
| | | | | | p-Xylene | 26315.00 CP | 1120.0 |
| | | | | | o-Xylene | 6815.00 CP | 1210.0 |
| 24D0107 | 09/26/90 | 67.00 | NS | 1 | Total 1,2-Dichloroethene | 13.00 HB,DL | 3.00 |
| | | | | | Trichloroethene | 6.90 | 0.810 |
| | | | | | Tetrachloroethene | 0.60 DL | 0.150 |
| | | | | | p-Xylene | 284.00 DL | 224.0 |
| | | | | | o-Xylene | 107.00 DL | 242.0 |
| 24D0108 | 09/26/90 | 80.00 | NS | 2 | Total 1,2-Dichloroethene | 185.00 D | 30.00 |
| | | | | | Chloroform | 1840.00 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 1840.00 CR | 6.400 |
| | | | | | Trichloroethene | 29275.00 D | 8.100 |
| | | | | | Tetrachloroethene | 33.90 | 1.500 |
| | | | | | p-Xylene | 4034.00 DL | 2240.0 |
| | | | | | o-Xylene | 4642.00 DL | 2420.0 |
| | | | | | Unknown-1 | 4400.00 D | NA |
| | | | | | Unknown-2 | 7760.00 D | NA |
| | | | | | Unknown-3 | 85000.00 D | NA |
| 24D0201 | 09/27/90 | 10.00 | NS | 2 | Total 1,2-Dichloroethene | 54.80 DL | 75.00 |
| | | | | | Chloroform | 41.90 CR,DL | 16.000 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 24 | | | | | | | |
| 24D0201 | 09/27/90 | 10.00 | NS | 2 | 1,1,1-Trichloroethane | 41.90 CR,DL | 16.000 |
| | | | | | Trichloroethene | 391.00 | 20.250 |
| | | | | | Tetrachloroethene | 5.80 BD,DL | 3.750 |
| | | | LD | 2 | Total 1,2-Dichloroethene | 71.50 DL | 75.00 |
| | | | | | Chloroform | 41.20 CR,DL | 16.000 |
| | | | | | 1,1,1-Trichloroethane | 41.20 CR,DL | 16.000 |
| | | | | | Trichloroethene | 380.00 | 20.250 |
| | | | | | Tetrachloroethene | 1.20 DL | 3.750 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 24D0202 | 09/27/90 | 18.50 | NS | 2 | Total 1,2-Dichloroethene | 154.00 DL | 75.00 |
| | | | | | Chloroform | 7.90 CR,DL | 16.000 |
| | | | | | 1,1,1-Trichloroethane | 7.90 CR,DL | 16.000 |
| 24D0203 | 09/27/90 | 30.00 | NS | 1 | Total 1,2-Dichloroethene | 143.00 HB,DL | 75.00 |
| | | | | | Chloroform | 3.00 CR,DL | 16.000 |
| | | | | | 1,1,1-Trichloroethane | 3.00 CR,DL | 16.000 |
| | | | | | Trichloroethene | 45.70 DL | 20.250 |
| 24D0204 | 09/28/90 | 54.00 | NS | 1 | Total 1,2-Dichloroethene | 24.50 DL | 7.50 |
| | | | | | Chloroform | 3.50 CR,DL | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 3.50 CR,DL | 1.600 |
| | | | | | Trichloroethene | 83.00 | 2.025 |
| | | | | | Tetrachloroethene | 3.70 | 0.375 |
| 24D0207 | 09/28/90 | 78.00 | NS | 1 | Total 1,2-Dichloroethene | 45.20 DL | 15.00 |
| | | | | | Chloroform | 136.00 D | 3.200 |
| | | | | | 1,1,1-Trichloroethane | 136.00 D | 3.200 |
| | | | | | Trichloroethene | 9800.00 D | 4.050 |
| | | | | | Tetrachloroethene | 7.00 | 0.750 |
| | | | | | Unknown-1 | 5940.00 | NA |
| | | | | | Unknown-2 | 5239.00 | NA |
| | | | | | Unknown-3 | 73.00 | NA |
| 24D0301 | 10/01/90 | 9.00 | NS | 1 | Total 1,2-Dichloroethene | 1517.30 | 3.00 |
| | | | | | Chloroform | 14.40 CR | 0.640 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|--------------------------|--------------|--------------------|
| SITE 24 | | | | | | | |
| 24D0301 | 10/01/90 | 9.00 | NS | 1 | 1,1,1-Trichloroethane | 14.40 CR | 0.640 |
| | | | | | Trichloroethene | 11.80 | 0.810 |
| | | | | | Tetrachloroethene | 3.20 | 0.150 |
| 24D0302 | 10/01/90 | 18.00 | NS | 1 | Chloroform | 1.90 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.90 CR,DL | 0.640 |
| | | | | | Trichloroethene | 8.60 | 0.810 |
| | | | | | Tetrachloroethene | 0.50 DL | 0.150 |
| | | | | | p-Xylene | 2220.00 | 224.0 |
| | | | | | o-Xylene | 1120.00 DL | 242.0 |
| | | | | | Unknown-1 | 2760.00 | NA |
| | | | | | Unknown-2 | 2800.00 | NA |
| | | | | | Unknown-3 | 1400.00 | NA |
| 24D0303 | 10/01/90 | 26.00 | NS | 1 | Chloroform | 31.50 CR | 1.600 |
| | | | | | 1,1,1-Trichloroethane | 31.50 CR | 1.600 |
| | | | | | Trichloroethene | 166.00 | 2.025 |
| | | | | | Tetrachloroethene | 8.30 | 0.375 |
| 24D0304 | 10/02/90 | 45.50 | NS | 2 | Chloroform | 1.00 CR,DL | 0.640 |
| | | | | | 1,1,1-Trichloroethane | 1.00 CR,DL | 0.640 |
| | | | | | Trichloroethene | 2.80 DL | 0.810 |
| | | | | | Tetrachloroethene | 0.80 | 0.150 |
| | | | | | p-Xylene | 105.00 DL | 224.0 |
| 24D0305 | 10/02/90 | 70.50 | NS | 1 | Chloroform | 57.10 CR | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 57.10 CR | 6.400 |
| | | | | | Trichloroethene | 2950.00 D | 8.100 |
| | | | | | Tetrachloroethene | 6.60 DL | 1.500 |
| 24D0401R | 10/04/90 | 7.50 | NS | 1 | Total 1,2-Dichloroethene | 38.60 DL | 30.00 |
| | | | | | Chloroform | 7.00 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 7.00 CR,DL | 6.400 |
| | | | | | Trichloroethene | 1490.00 | 8.100 |
| | | | | | Tetrachloroethene | 3.20 DL | 1.500 |
| 24D0402R | 10/04/90 | 18.50 | NS | 2 | Total 1,2-Dichloroethene | 53.40 D,X,DL | 30.00 |

(Continued.)

TABLE D-1 (Continued)

| Location | Date Sampled | Depth | Lab Analysis | Instrument | Analyte | Result | Detection Limit |
|----------|-----------------|-------|-----------------|------------|-----------------------|---------------|--------------------|
| SITE 24 | | | | | | | |
| 24D0402R | 10/04/90 | 18.50 | NS | 2 | Chloroform | 29.10 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 29.10 CR,DL | 6.400 |
| | | | | | Trichloroethene | 6800.00 D,X | 8.100 |
| | | | | | Tetrachloroethene | 8.20 | 1.500 |
| 24D0403 | 10/03/90 | 31.50 | NS | 1 | Chloroform | 27.20 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 27.20 CR,DL | 6.400 |
| | | | | | Trichloroethene | 7100.00 | 8.100 |
| | | | | | Tetrachloroethene | 3.30 DL | 1.500 |
| 24D0404 | 10/03/90 | 53.50 | NS | 1 | Chloroform | 28.70 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 28.70 CR,DL | 6.400 |
| | | | | | Trichloroethene | 18600.00 | 8.100 |
| | | | | | Tetrachloroethene | 6.90 DL | 1.500 |
| | | | | | Unknown-1 | 2630.00 | NA |
| | | | | | Unknown-2 | 40900.00 | NA |
| 24D0405 | 10/04/90 | 71.00 | NS | 2 | Chloroform | 9.40 CR,DL | 6.400 |
| | | | | | 1,1,1-Trichloroethane | 9.40 CR,DL | 6.400 |
| | | | | | Trichloroethene | 5200.00 D,X | 8.100 |
| | | | | | Tetrachloroethene | 1.40 DL | 1.500 |
| | | | | | p-Xylene | 1900.00 BD,DL | 2240.0 |
| | | | | | Unknown-1 | 1700.00 D,X | NA |
| | | | | | Unknown-2 | 460.00 D,X | NA |

DATAFLAGS:

- D = Sample dilution necessary for this analyte
- Q = Calibration is outside control limit
- BC = Value suspect due to contamination in blank
- BD = Value suspect due to baseline drift
- CP = Value suspect due to coeluting peaks
- CR = Chloroform and 1,1,1-TCA coelute and are calculated with a combined response factor
- HB = Value suspect due to high background
- LS = Value suspect due to leak in system
- DL = Estimated value less than 5 times the detection limit
- X = Estimated value beyond instrument calibration range
- S = Site
- SA = Study Area
- SSA = Special Study Area

NOTE:

- NA = Not Available - The detection limit was not specified for tentatively identified compounds (TICS).

UNITS:

All results are in parts per billion by volume, ppbv.

APPENDIX E

Analytical Results for Soil Samples

TABLE E-1 ANALYTICAL RESULTS FOR SOIL SAMPLES,
 OPERABLE UNIT B SOIL GAS INVESTIGATION,
 SEPTEMBER THROUGH DECEMBER 1990, MCCLELLAN AIR FORCE BASE

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|-------------------|-----------------|------------------|-----------------------|--------|--------------------|
| 23801 | 4.5 | 6010 | NS | 10/05/90 | 10/26/90 | Aluminum | 9200 | (4.6) |
| | | | | | | Arsenic | 8.0 @ | (5.4) |
| | | | | | | Barium | 77 | (0.21) |
| | | | | | | Beryllium | 0.33 @ | (0.1) |
| | | | | | | Cadmium | 0.82 @ | (0.41) |
| | | | | | | Calcium | 1600 | (1) |
| | | | | | | Chromium | 18 | (0.72) |
| | | | | | | Cobalt | 8.8 | (0.72) |
| | | | | | | Copper | 9.6 | (0.62) |
| | | | | | | Iron | 7600 Z | (0.72) |
| | | | | | | Lead | 18 @ | (4.3) |
| | | | | | | Magnesium | 920 | (3.1) |
| | | | | | | Manganese | 230 | (0.21) |
| | | | | | | Nickel | 10 | (1.5) |
| | | | | | | Sodium | 150 | (3) |
| | | | | | | Vanadium | 27 | (0.82) |
| | | | | | | Zinc | 20 | (0.21) |
| 23801 | 4.5 | 7471 | NS | 10/05/90 | 10/26/90 | No Analytes Detected | ND | |
| 23801 | 4.5 | 8080 | NS | 10/05/90 | 11/11/90 | 4,4'-DDD | 1.6 @ | (1) |
| 23801 | 8 | 8240 | NS | 10/05/90 | 10/11/90 | Total Xylenes | 22 @ | (6.2) |
| 23801 | 8 | 9040 | NS | 10/05/90 | 10/11/90 | pH determination | 8.3 | (NA) |
| 23801 | 18 | 8240 | NS | 10/05/90 | 10/11/90 | Total Xylenes | 8.2 @ | (5.2) |
| 23801 | 18 | 9040 | NS | 10/05/90 | 10/11/90 | pH determination | 9.4 | (NA) |
| 23801 | 31.5 | 8240 | NS | 10/05/90 | 10/11/90 | No Analytes Detected | ND | |
| 23801 | 31.5 | 8270 | NS | 10/05/90 | 10/22/90 | No Analytes Detected | ND | |
| 23801 | 31.5 | 8280 | NS | 10/05/90 | 10/25/90 | No Analytes Detected | ND | |
| 23801 | 31.5 | 9040 | NS | 10/05/90 | 10/22/90 | pH determination | 8.0 | (NA) |
| 23801 | 49 | 8240 | NS | 10/05/90 | 10/11/90 | 1,1,1-Trichloroethane | 4.9 @ | (4.8) |
| | | | | | | 4-Methyl-2-Pentanone | 34 @ | (12) |
| 23801 | 70.5 | 8240 | NS | 10/05/90 | 10/11/90 | No Analytes Detected | ND | |
| 23802 | 7 | 8240 | NS | 10/08/90 | 10/11/90 | No Analytes Detected | ND | |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|------------------|---------|-----------------|
| 23802 | 8.5 | 6010 | NS | 10/08/90 | 10/26/90 | Aluminum | 16000 | (4.6) |
| | | | | | | Arsenic | 7.2 a | (5.5) |
| | | | | | | Barium | 130 | (0.21) |
| | | | | | | Beryllium | 0.52 | (0.1) |
| | | | | | | Cadmium | 1.2 a | (0.41) |
| | | | | | | Calcium | 3900 | (1) |
| | | | | | | Chromium | 47 | (0.72) |
| | | | | | | Cobalt | 9.7 | (0.72) |
| | | | | | | Copper | 20 | (0.62) |
| | | | | | | Iron | 16000 Z | (0.72) |
| | | | | | | Lead | 69 | (4.3) |
| | | | | | | Magnesium | 3700 | (3.1) |
| | | | | | | Manganese | 200 | (0.21) |
| | | | | | | Nickel | 28 | (1.5) |
| | | | | | | Potassium | 740 Za | (310) |
| | | | | | | Sodium | 430 | (3) |
| | | | | | | Vanadium | 46 | (0.83) |
| | | | | | | Zinc | 46 | (0.21) |
| 23802 | 8.5 | 6010 | FD | 10/08/90 | 10/26/90 | Aluminum | 14000 | (4.6) |
| | | | | | | Arsenic | 7.8 a | (5.5) |
| | | | | | | Barium | 130 | (0.21) |
| | | | | | | Beryllium | 0.46 a | (0.1) |
| | | | | | | Cadmium | 1.6 a | (0.41) |
| | | | | | | Calcium | 3400 | (1) |
| | | | | | | Chromium | 52 | (0.72) |
| | | | | | | Cobalt | 10 | (0.72) |
| | | | | | | Copper | 20 | (0.62) |
| | | | | | | Iron | 14000 Z | (0.72) |
| | | | | | | Lead | 44 | (4.3) |
| | | | | | | Magnesium | 3000 | (3.1) |
| | | | | | | Manganese | 430 | (0.21) |
| | | | | | | Nickel | 26 | (1.5) |
| | | | | | | Potassium | 490 Za | (310) |
| | | | | | | Silver | 1.1 a | (0.72) |
| | | | | | | Sodium | 360 | (3) |
| | | | | | | Vanadium | 44 | (0.83) |
| | | | | | | Zinc | 49 | (0.21) |
| 23802 | 8.5 | 7471 | NS | 10/08/90 | 10/26/90 | Mercury | 0.13 a | (0.12) |
| 23802 | 8.5 | 7471 | FD | 10/08/90 | 10/26/90 | Mercury | 0.15 a | (0.12) |
| 23802 | 8.5 | 9040 | NS | 10/08/90 | 10/26/90 | pH determination | 7.8 | (NA) |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|----------------------|--------|-----------------|
| 23802 | 8.5 | 9040 | FD | 10/08/90 | 10/26/90 | pH determination | 7.8 | (NA) |
| 23802 | 16.5 | 8240 | NS | 10/08/90 | 10/11/90 | No Analytes Detected | ND | |
| 23802 | 16.5 | 8270 | NS | 10/08/90 | 10/23/90 | No Analytes Detected | ND | |
| 23802 | 16.5 | 8080 | NS | 10/08/90 | 11/15/90 | No Analytes Detected | ND | |
| 23802 | 16.5 | 9040 | NS | 10/08/90 | 10/11/90 | pH determination | 8.2 | (NA) |
| 23802 | 25 | 8240 | NS | 10/09/90 | 10/11/90 | Total Xylenes | 9.9 a | (6.1) |
| 23802 | 25 | 8240 | FD | 10/09/90 | 10/11/90 | No Analytes Detected | ND | |
| 23802 | 25 | 8280 | NS | 10/09/90 | 10/29/90 | No Analytes Detected | ND | |
| 23802 | 25 | 8280 | FD | 10/09/90 | 10/25/90 | No Analytes Detected | ND | |
| 23802 | 25 | 9040 | NS | 10/09/90 | 10/11/90 | pH determination | 7.9 | (NA) |
| 23802 | 49 | 8240 | NS | 10/09/90 | 10/11/90 | No Analytes Detected | ND | |
| 23802 | 62.5 | 8240 | NS | 10/09/90 | 10/11/90 | No Analytes Detected | ND | |
| 23803 | 8 | 8240 | NS | 10/10/90 | 10/11/90 | No Analytes Detected | ND | |
| 23803 | 8 | 9040 | NS | 10/10/90 | 10/11/90 | pH determination | 8.1 | (NA) |
| 23803 | 18.5 | 8240 | NS | 10/10/90 | 10/11/90 | No Analytes Detected | ND | |
| 23803 | 18.5 | 6010 | NS | 10/10/90 | 10/29/90 | Aluminum | 8900 | (4.5) |
| | | | | | | Barium | 61 | (0.2) |
| | | | | | | Beryllium | 0.20 a | (0.099) |
| | | | | | | Calcium | 2400 z | (0.99) |
| | | | | | | Chromium | 21 | (0.7) |
| | | | | | | Cobalt | 7.2 | (0.7) |
| | | | | | | Copper | 5.0 | (0.6) |
| | | | | | | Iron | 11000 | (0.7) |
| | | | | | | Lead | 10 a | (4.2) |
| | | | | | | Magnesium | 3600 | (3) |
| | | | | | | Manganese | 110 | (0.2) |
| | | | | | | Nickel | 28 | (1.5) |
| | | | | | | Potassium | 1200 a | (300) |
| | | | | | | Sodium | 320 | (2.9) |
| | | | | | | Vanadium | 32 | (0.79) |
| | | | | | | Zinc | 19 s | (0.2) |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|----------------------|--------|-----------------|
| 23803 | 18.5 | 7471 | NS | 10/10/90 | 10/29/90 | No Analytes Detected | ND | |
| 23803 | 18.5 | 8080 | NS | 10/10/90 | 11/15/90 | No Analytes Detected | ND | |
| 23803 | 18.5 | 9040 | NS | 10/10/90 | 10/11/90 | pH determination | 8.3 | (NA) |
| 23803 | 33.5 | 8240 | NS | 10/11/90 | 10/18/90 | No Analytes Detected | ND | |
| 23803 | 33.5 | 8240 | FD | 10/11/90 | 10/18/90 | No Analytes Detected | ND | |
| 23803 | 33.5 | 8270 | NS | 10/11/90 | 10/25/90 | No Analytes Detected | ND | |
| 23803 | 33.5 | 8280 | NS | 10/11/90 | 10/25/90 | No Analytes Detected | ND | |
| 23803 | 33.5 | 9040 | NS | 10/11/90 | 10/25/90 | pH determination | 7.5 | (NA) |
| 23803 | 33.5 | 9040 | FD | 10/11/90 | 10/18/90 | pH determination | 7.9 | (NA) |
| 23803 | 44 | 8240 | NS | 10/11/90 | 10/18/90 | No Analytes Detected | ND | |
| 23803 | 67 | 8240 | NS | 10/11/90 | 10/18/90 | No Analytes Detected | ND | |
| 23804 | 9.5 | 8240 | NS | 10/12/90 | 10/18/90 | No Analytes Detected | ND | |
| 23804 | 9.5 | 9040 | NS | 10/12/90 | 10/18/90 | pH determination | 7.4 | (NA) |
| 23804 | 11.5 | 8240 | NS | 10/12/90 | 10/18/90 | No Analytes Detected | ND | |
| 23804 | 11.5 | 6010 | NS | 10/12/90 | 11/01/90 | Aluminum | 7800 | (4.9) |
| | | | | | | Barium | 56 | (0.22) |
| | | | | | | Beryllium | 0.19 a | (0.11) |
| | | | | | | Calcium | 2300 | (1.1) |
| | | | | | | Chromium | 19 | (0.77) |
| | | | | | | Cobalt | 7.1 | (0.77) |
| | | | | | | Copper | 8.2 | (0.66) |
| | | | | | | Iron | 10000 | (0.77) |
| | | | | | | Lead | 8.5 a | (4.6) |
| | | | | | | Magnesium | 3300 | (3.3) |
| | | | | | | Manganese | 93 | (0.22) |
| | | | | | | Nickel | 30 | (1.6) |
| | | | | | | Potassium | 1000 a | (330) |
| | | | | | | Sodium | 310 | (3.2) |
| | | | | | | Vanadium | 23 | (0.88) |
| | | | | | | Zinc | 20 | (0.22) |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|-------------------|-----------------|------------------|----------------------------|---------|--------------------|
| 23804 | 11.5 | 7471 | NS | 10/12/90 | 10/23/90 | No Analytes Detected | ND | |
| 23804 | 11.5 | 8080 | NS | 10/12/90 | 11/16/90 | No Analytes Detected | ND | |
| 23804 | 11.5 | 9040 | NS | 10/12/90 | 10/18/90 | pH determination | 7.7 | (NA) |
| 23804 | 39.5 | 8240 | NS | 10/15/90 | 10/18/90 | No Analytes Detected | ND | |
| 23804 | 39.5 | 8270 | NS | 10/15/90 | 11/15/90 | bis(2-Ethylhexyl)Phthalate | 850 @ | (450) |
| 23804 | 39.5 | 9040 | NS | 10/15/90 | 11/15/90 | pH determination | 7.1 | (NA) |
| 23804 | 54 | 8240 | NS | 10/15/90 | 10/18/90 | No Analytes Detected | ND | |
| 23804 | 79 | 8240 | NS | 10/15/90 | 10/18/90 | No Analytes Detected | ND | |
| 23805 | 8.5 | 8240 | NS | 10/10/90 | 10/23/90 | No Analytes Detected | ND | |
| 23805 | 8.5 | 9040 | NS | 10/10/90 | 10/23/90 | pH determination | 7.3 | (NA) |
| 23805 | 20 | 8240 | NS | 10/10/90 | 10/23/90 | No Analytes Detected | ND | |
| 23805 | 20 | 6010 | NS | 10/10/90 | 11/09/90 | Aluminum | 9400 | (4.9) |
| | | | | | | Barium | 66 | (0.22) |
| | | | | | | Beryllium | 0.16 @ | (0.11) |
| | | | | | | Calcium | 4700 Z | (1.1) |
| | | | | | | Chromium | 8.5 | (0.76) |
| | | | | | | Cobalt | 5.8 | (0.76) |
| | | | | | | Copper | 13 | (0.65) |
| | | | | | | Iron | 10000 Z | (0.76) |
| | | | | | | Lead | 11 @ | (4.6) |
| | | | | | | Magnesium | 2500 | (3.3) |
| | | | | | | Manganese | 120 | (0.22) |
| | | | | | | Nickel | 9.5 | (1.6) |
| | | | | | | Potassium | 720 Z@ | (330) |
| | | | | | | Sodium | 680 Z | (3.2) |
| | | | | | | Vanadium | 25 | (0.87) |
| | | | | | | Zinc | 25 Z | (0.22) |
| 23805 | 20 | 7471 | NS | 10/10/90 | 11/09/90 | No Analytes Detected | ND | |
| 23805 | 20 | 8080 | NS | 10/10/90 | 11/27/90 | No Analytes Detected | ND | |
| 23805 | 20 | 9040 | NS | 10/10/90 | 10/23/90 | pH determination | 8.0 | (NA) |
| 23805 | 33 | 8240 | NS | 10/10/90 | 10/23/90 | No Analytes Detected | ND | |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|----------------------|---------------------|-----------------|
| 23805 | 33 | 9040 | NS | 10/10/90 | 10/23/90 | pH determination | 7.7 | (NA) |
| 23805 | 58 | 8240 | NS | 10/10/90 | 10/24/90 | No Analytes Detected | ND | |
| 23805 | 58 | 8240 | FD | 10/10/90 | 10/23/90 | No Analytes Detected | ND | |
| 23805 | 67 | 8240 | NS | 10/10/90 | 10/23/90 | No Analytes Detected | ND | |
| 23805 | 67 | 8270 | NS | 10/10/90 | 11/12/90 | No Analytes Detected | ND | |
| 23805 | 67 | 8280 | NS | 10/10/90 | 10/29/90 | No Analytes Detected | ND | |
| 23806 | 6 | 8240 | NS | 10/17/90 | 10/25/90 | No Analytes Detected | ND | |
| 23806 | 6 | 9040 | NS | 10/17/90 | 10/25/90 | pH determination | 7.8 | (NA) |
| 23806 | 12.5 | 8240 | NS | 10/17/90 | 10/25/90 | No Analytes Detected | ND | |
| 23806 | 12.5 | 8270 | NS | 10/17/90 | 11/17/90 | No Analytes Detected | ND | |
| 23806 | 12.5 | 8270 | FD | 10/17/90 | 11/17/90 | No Analytes Detected | ND | |
| 23806 | 12.5 | 6010 | NS | 10/17/90 | 11/09/90 | Aluminum | 18000 | (5.1) |
| | | | | | | Barium | 200 | (0.23) |
| | | | | | | Beryllium | 0.42 Z ^a | (0.11) |
| | | | | | | Calcium | 3600 | (1.1) |
| | | | | | | Chromium | 23 | (0.79) |
| | | | | | | Cobalt | 11 | (0.79) |
| | | | | | | Copper | 20 | (0.68) |
| | | | | | | Iron | 17000 Z | (0.79) |
| | | | | | | Lead | 21 ^a | (4.7) |
| | | | | | | Magnesium | 5500 | (3.4) |
| | | | | | | Manganese | 460 | (0.23) |
| | | | | | | Nickel | 26 | (1.7) |
| | | | | | | Potassium | 2400 Z | (340) |
| | | | | | | Sodium | 410 Z | (3.3) |
| | | | | | | Vanadium | 37 | (0.9) |
| | | | | | | Zinc | 43 Z | (0.23) |
| 23806 | 12.5 | 7471 | NS | 10/17/90 | 11/09/90 | No Analytes Detected | ND | |
| 23806 | 12.5 | 8080 | NS | 10/17/90 | 11/27/90 | No Analytes Detected | ND | |
| 23806 | 12.5 | 8080 | FD | 10/17/90 | 11/27/90 | No Analytes Detected | ND | |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|----------------------|---------|-----------------|
| 23806 | 12.5 | 9040 | NS | 10/17/90 | 10/25/90 | pH determination | 7.6 | (NA) |
| 23806 | 20 | 8240 | NS | 10/17/90 | 10/25/90 | No Analytes Detected | ND | |
| 23806 | 20 | 9040 | NS | 10/17/90 | 10/25/90 | pH determination | 8.0 | (NA) |
| 23806 | 39 | 8240 | NS | 10/18/90 | 10/25/90 | No Analytes Detected | ND | |
| 23806 | 39 | 8240 | FD | 10/18/90 | 10/25/90 | No Analytes Detected | ND | |
| 23806 | 39 | 9040 | NS | 10/18/90 | 10/25/90 | pH determination | 7.2 | (NA) |
| 23806 | 48.5 | 8240 | NS | 10/18/90 | 10/25/90 | No Analytes Detected | ND | |
| 23806 | 68.5 | 8240 | NS | 10/18/90 | 10/25/90 | No Analytes Detected | ND | |
| 23806 | 68.5 | 8280 | NS | 10/18/90 | 10/29/90 | No Analytes Detected | ND | |
| 24801 | 9.5 | 8240 | NS | 09/24/90 | 09/27/90 | Trichloroethene | 4.6 a | (3) |
| 24801 | 9.5 | 6010 | NS | 09/24/90 | 10/16/90 | Aluminum | 14000 | (4.9) |
| | | | | | | Antimony | 6.3 a | (3.7) |
| | | | | | | Arsenic | 16 a | (5.8) |
| | | | | | | Barium | 110 | (0.22) |
| | | | | | | Beryllium | 0.49 a | (0.11) |
| | | | | | | Cadmium | 3.6 | (0.44) |
| | | | | | | Calcium | 5700 | (1.1) |
| | | | | | | Chromium | 24 | (0.76) |
| | | | | | | Cobalt | 12 | (0.76) |
| | | | | | | Copper | 33 | (0.66) |
| | | | | | | Iron | 35000 Z | (0.76) |
| | | | | | | Lead | 350 | (4.6) |
| | | | | | | Magnesium | 3800 | (3.3) |
| | | | | | | Manganese | 370 | (0.22) |
| | | | | | | Nickel | 20 | (1.6) |
| | | | | | | Potassium | 1800 | (330) |
| | | | | | | Silver | 0.82 a | (0.76) |
| | | | | | | Sodium | 850 | (3.2) |
| | | | | | | Vanadium | 42 | (0.87) |
| | | | | | | Zinc | 220 Z | (0.22) |
| 24801 | 9.5 | 7471 | NS | 09/24/90 | 10/16/90 | No Analytes Detected | ND | |
| 24801 | 9.5 | 8080 | NS | 09/24/90 | 11/11/90 | 4,4'-DDE | 1.1 cB | (0.97) |
| 24801 | 9.5 | 9040 | NS | 09/24/90 | 10/16/90 | pH determination | 5.6 | (NA) |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|--------------------------|--------|-----------------|
| 24801 | 15.5 | 8240 | NS | 09/24/90 | 09/27/90 | Trichloroethane | 15 | (3) |
| | | | | | | trans-1,2-Dichloroethene | 18 a | (6) |
| 24801 | 15.5 | 8270 | NS | 09/24/90 | 10/12/90 | No Analytes Detected | ND | |
| 24801 | 15.5 | 8280 | NS | 09/24/90 | 10/18/90 | Heptachlorodibenzodioxin | 3.8 | (0.34) |
| | | | | | | Hexachlorodibenzodioxin | 1.0 a | (0.26) |
| | | | | | | Octachlorodibenzodioxin | 9.7 | (0.68) |
| | | | | | | Tetrachlorodibenzofuran | 0.60 | (0.097) |
| 24801 | 15.5 | 9040 | NS | 09/24/90 | 10/12/90 | pH determination | 6.8 | (NA) |
| 24801 | 24.5 | 8240 | NS | 09/24/90 | 09/27/90 | Chlorobenzene | 830 | (56) |
| 24801 | 24.5 | 8240 | FD | 09/24/90 | 09/28/90 | Chlorobenzene | 930 | (56) |
| 24801 | 24.5 | 9040 | NS | 09/24/90 | 09/27/90 | pH determination | 7.2 | (NA) |
| 24801 | 24.5 | 9040 | FD | 09/24/90 | 09/28/90 | pH determination | 7.5 | (NA) |
| 24801 | 41.5 | 8240 | NS | 09/25/90 | 09/28/90 | No Analytes Detected | ND | |
| 24801 | 41.5 | 9040 | NS | 09/25/90 | 09/28/90 | pH determination | 7.4 | (NA) |
| 24801 | 64 | 8240 | NS | 09/26/90 | 09/28/90 | trans-1,2-Dichloroethene | 720 | (27) |
| 24801 | 64 | 9040 | NS | 09/26/90 | 09/28/90 | pH determination | 7.2 | (NA) |
| 24802 | 9 | 8240 | NS | 09/27/90 | 09/28/90 | No Analytes Detected | ND | |
| 24802 | 9 | 9040 | NS | 09/27/90 | 09/28/90 | pH determination | 8.1 | (NA) |
| 24802 | 16.5 | 8240 | NS | 09/27/90 | 09/28/90 | No Analytes Detected | ND | |
| 24802 | 16.5 | 9040 | NS | 09/27/90 | 09/28/90 | pH determination | 7.4 | (NA) |
| 24802 | 28 | 8240 | NS | 09/27/90 | 09/28/90 | No Analytes Detected | ND | |
| 24802 | 28 | 8270 | NS | 09/27/90 | 10/12/90 | No Analytes Detected | ND | |
| 24802 | 28 | 6010 | NS | 09/27/90 | 10/31/90 | Aluminum | 24000 | (10) |
| | | | | | | Arsenic | 14 a | (12) |
| | | | | | | Barium | 140 | (0.45) |
| | | | | | | Beryllium | 0.49 a | (0.22) |
| | | | | | | Calcium | 5000 | (2.2) |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|----------------------|---------|-----------------|
| 24802 | 28 | 6010 | NS | 09/27/90 | 10/31/90 | Chromium | 20 | (1.6) |
| | | | | | | Cobalt | 14 | (1.6) |
| | | | | | | Copper | 11 S | (1.3) |
| | | | | | | Iron | 24000 Z | (1.6) |
| | | | | | | Lead | 26 @ | (9.4) |
| | | | | | | Magnesium | 5100 | (6.7) |
| | | | | | | Manganese | 410 | (0.45) |
| | | | | | | Nickel | 19 | (3.4) |
| | | | | | | Potassium | 3000 2@ | (670) |
| | | | | | | Sodium | 820 | (6.5) |
| | | | | | | Vanadium | 59 | (1.8) |
| | | | | | | Zinc | 50 | (0.45) |
| 24802 | 28 | 7471 | NS | 09/27/90 | 10/31/90 | No Analytes Detected | ND | |
| 24802 | 28 | 8080 | NS | 09/27/90 | 11/12/90 | No Analytes Detected | ND | |
| 24802 | 28 | 9040 | NS | 09/27/90 | 10/12/90 | pH determination | 7.6 | (NA) |
| 24802 | 53 | 8240 | NS | 09/28/90 | 10/02/90 | No Analytes Detected | ND | |
| 24802 | 53 | 9040 | NS | 09/28/90 | 10/02/90 | pH determination | 7.7 | (NA) |
| 24802 | 78 | 8240 | NS | 09/28/90 | 10/02/90 | No Analytes Detected | ND | |
| 24802 | 78 | 9040 | NS | 09/28/90 | 10/02/90 | pH determination | 7.7 | (NA) |
| 24803 | 4.5 | 8240 | NS | 10/01/90 | 10/02/90 | No Analytes Detected | ND | |
| 24803 | 4.5 | 9040 | NS | 10/01/90 | 10/02/90 | pH determination | 7.9 | (NA) |
| 24803 | 14 | 8240 | NS | 10/01/90 | 10/02/90 | No Analytes Detected | ND | |
| 24803 | 14 | 6010 | NS | 10/01/90 | 10/31/90 | Aluminum | 24000 | (26) |
| | | | | | | Barium | 230 | (1.2) |
| | | | | | | Cadmium | 19 | (2.3) |
| | | | | | | Calcium | 9500 | (5.8) |
| | | | | | | Chromium | 66 | (4.1) |
| | | | | | | Cobalt | 20 @ | (4.1) |
| | | | | | | Copper | 31000 | (3.5) |
| | | | | | | Iron | 52000 Z | (4.1) |
| | | | | | | Lead | 300 | (24) |
| | | | | | | Magnesium | 4200 | (17) |
| | | | | | | Manganese | 530 | (1.2) |
| | | | | | | Nickel | 43 @ | (8.7) |
| | | | | | | Potassium | 1900 2@ | (1700) |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|-------------------------|---------|-----------------|
| 24803 | 14 | 6010 | NS | 10/01/90 | 10/31/90 | Silver | 6.2 @ | (4.1) |
| | | | | | | Sodium | 910 | (17) |
| | | | | | | Vanadium | 54 | (4.7) |
| | | | | | | Zinc | 770 | (1.2) |
| 24803 | 14 | 7471 | NS | 10/01/90 | 10/31/90 | Mercury | 0.34 @ | (0.12) |
| 24803 | 14 | 8080 | NS | 10/01/90 | 11/12/90 | No Analytes Detected | ND | |
| 24803 | 14 | 9040 | NS | 10/01/90 | 11/12/90 | pH determination | 7.7 | (NA) |
| 24803 | 34 | 8240 | NS | 10/02/90 | 10/05/90 | No Analytes Detected | ND | |
| 24803 | 34 | 9040 | NS | 10/02/90 | 10/05/90 | pH determination | 8.2 | (NA) |
| 24803 | 43.5 | 8240 | NS | 10/02/90 | 10/05/90 | No Analytes Detected | ND | |
| 24803 | 43.5 | 8240 | FD | 10/02/90 | 10/05/90 | No Analytes Detected | ND | |
| 24803 | 43.5 | 8270 | NS | 10/02/90 | 10/19/90 | No Analytes Detected | ND | |
| 24803 | 43.5 | 8280 | NS | 10/02/90 | 10/18/90 | Tetrachlorodibenzofuran | 0.86 | (0.11) |
| 24803 | 43.5 | 8280 | FD | 10/02/90 | 10/18/90 | Tetrachlorodibenzofuran | 0.57 | (0.11) |
| 24803 | 68.5 | 8240 | NS | 10/02/90 | 10/05/90 | No Analytes Detected | ND | |
| 24804 | 8.5 | 8240 | NS | 10/03/90 | 10/05/90 | No Analytes Detected | ND | |
| 24804 | 8.5 | 8270 | NS | 10/03/90 | 10/22/90 | No Analytes Detected | ND | |
| 24804 | 8.5 | 6010 | NS | 10/03/90 | 10/29/90 | Aluminum | 21000 | (5.2) |
| | | | | | | Barium | 220 | (0.23) |
| | | | | | | Beryllium | 0.30 @ | (0.11) |
| | | | | | | Calcium | 6300 | (1.1) |
| | | | | | | Chromium | 20 | (0.8) |
| | | | | | | Cobalt | 15 | (0.8) |
| | | | | | | Copper | 49 S | (0.69) |
| | | | | | | Iron | 21000 Z | (0.8) |
| | | | | | | Lead | 23 @ | (4.8) |
| | | | | | | Magnesium | 4800 | (3.4) |
| | | | | | | Manganese | 750 | (0.23) |
| | | | | | | Nickel | 26 | (1.7) |
| | | | | | | Potassium | 2000 Z | (340) |
| | | | | | | Sodium | 1100 | (3.3) |
| | | | | | | Vanadium | 52 | (0.92) |

(Continued.)

TABLE E-1 (Continued)

| Location | Depth | Method | Field Analysis | Date Sampled | Date Analyzed | Analyte | Result | Detection Limit |
|----------|-------|--------|----------------|--------------|---------------|----------------------|--------|-----------------|
| 24804 | 8.5 | 6010 | NS | 10/03/90 | 10/29/90 | Zinc | 56 | (0.23) |
| 24804 | 8.5 | 7471 | NS | 10/03/90 | 10/29/90 | No Analytes Detected | ND | |
| 24804 | 8.5 | 8080 | NS | 10/03/90 | 11/15/90 | No Analytes Detected | ND | |
| 24804 | 8.5 | 9040 | NS | 10/03/90 | 10/22/90 | pH determination | 7.4 | (NA) |
| 24804 | 18 | 8240 | NS | 10/03/90 | 10/05/90 | No Analytes Detected | ND | |
| 24804 | 18 | 9040 | NS | 10/03/90 | 10/05/90 | pH determination | 7.6 | (NA) |
| 24804 | 31 | 8240 | NS | 10/03/90 | 10/05/90 | No Analytes Detected | ND | |
| 24804 | 31 | 9040 | NS | 10/03/90 | 10/05/90 | pH determination | 7.5 | (NA) |
| 24804 | 61.5 | 8240 | NS | 10/04/90 | 10/05/90 | 1,1-Dichloroethane | 5.8 @ | (5.6) |
| | | | | | | Trichloroethene | 100 | (3) |
| 24804 | 75.5 | 8240 | NS | 10/04/90 | 10/05/90 | 1,1-Dichloroethane | 14 @ | (6.6) |
| | | | | | | Trichloroethene | 280 | (3.5) |

DATAFLAGS:

- @ = The results are less than five times the method specified detection limit. Uncertainty of the analysis will increase as the method detection limit is approached. These results should be considered approximate.
- C = Confirmed on second column or by GC/MS.
- ND = Not detected at specified detection limit.
- S = Determined by Method of Standard Addition.
- Z = Inorganic methods - Analyte is found in the associated blank, but the sample results are not corrected for the amount in the blank.

NOTE:

NA = Not available - There is no detection limit for pH determination.

FIELD ANALYSIS:

- FD = Field Duplicate.
- NS = Normal Sample.

UNITS:

- METHODS 8080, 8280, 8240, 8270 = ug/Kg
- METHODS 6010, 7471 = mg/Kg

APPENDIX F

Lithologic and Drilling Log Forms

LOG OF DRILLING OPERATIONS

| | | | | | |
|--|---|-------------|-------------------|--------------------------|------------------|
| PROJECT | Operable Unit B Soil Gas Validation Study | | LOCATION | McClellan Air Force Base | |
| TOTAL DEPTH | 80.00 | START DATE | 10/5/90 | FINISH DATE | 10/5/90 |
| GEOLOGIST | Mike Thomas | APPROVED BY | Thomas F. Audubon | | CALIF R.G.# 4473 |
| DRILLING COMPANY | Water Development Co. | | DRILLER | Morris Peterson | |
| DRILLING METHOD | Hollow-Stem Auger, 3.75" | | EQUIPMENT | Mobile B53 | |
| DRILL BIT TYPE AND SIZE | 8" drag bit, 2.5" Modified CA Sampler, MOSS setup | | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | Site 23, Adjacent to Probe 23P03. | | | | |

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---------------------------|
| 0 | | | <u>ASPHALT SURFACE</u> | | 53.00 | |
| | | | <u>GRAVEL</u> fill material. | | | |
| | | | <u>SILTY CLAY</u> 7.5Y 2/0, low to moderate plasticity, dense, dark color; silt, no plasticity, soft, dry, no odor, (CL). | | -50- | 8:20, PID (SOIL)=0 PPMV |
| | | | No recovery. | | | |
| 5 | 23B0101 | | <u>SILTY CLAY</u> 7.5Y 2/0, low to moderate plasticity, dense, dark color; silt, no plasticity, soft, dry, no odor, (CL). | | | 08:30, PID (SOIL)=0 PPMV |
| | | | <u>SILT</u> 10YR 6/6, no plasticity, well compacted, very hard, with iron staining, dry, no odor, (ML). | | | 8:40, PID (SOIL)=0 PPMV |
| | 23B0102 | 23D0101 | <u>SILT</u> 2.5Y 5/6, no plasticity, well compacted, very firm, organics and iron stains, abundant white caliche, dry, no odor, (ML). | | -45- | PID (SOIL GAS)= 2 PPMV |
| 10 | | | <u>SILT</u> 2.5Y 5/6, no plasticity, well compacted, very firm, organics and iron stains, dry, no odor, (ML). | | | 8:55, PID (SOIL)=0-4 PPMV |
| | | | <u>SAND</u> 10YR 4/6, fine to medium grained, slightly compacted, hard, poorly graded, quartz, mafics and mica, with iron stains, dry, no odor, (SP). | | | 9:05, PID (SOIL)=0 PPMV |
| | | | <u>SILTY SAND</u> 2.5Y 5/4, fine to medium grained, loose to slightly compacted, poorly graded, semi hard, quartz, mafics and mica, minor white caliche, iron stains; silt, no plasticity, compacted, firm, dry, no odor, (SM). | | -40- | 9:15, PID (SOIL)=0 PPMV |
| 15 | | | <u>SAND</u> 2.5Y 4/4, fine to medium grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, moderate amount of thinly (approx .2") layered white caliche, dry, no odor, (SP). | | | 9:25, PID (SOIL)=0 PPMV |
| | 23B0103 | 23D0102 | <u>SAND</u> 2.5Y 4/4, fine to coarse grained, loose, well graded, quartz, mafics, mica, green and red metamorphics, dry, no odor, (SW). | | -35- | 09:40, PID (SOIL)=0 PPMV |
| 20 | | | | | | |

****NOTES****

PID = Photolionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

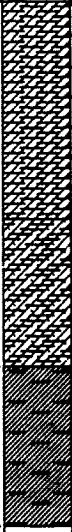
| PROJECT | | | Operable Unit B Soil Gas Validation Study | | LOCATION | | McClellan Air Force Base | |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|--|--------------------------|--|
| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES | | |
| 20 | | | | | | | | |
| | | | <u>SILT</u> 2.5Y 6/2, no plasticity, well compacted, firm, brittle, dry, no odor, (ML). | | | 9:50, PID (SOIL)=0 PPMV | | |
| | | | <u>SAND</u> 2.5Y 6/4, fine grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | -30- | | | |
| | | | <u>SILT</u> 2.5Y 6/2, no plasticity, compacted, firm, brittle, organics, minor iron stains, dry, no odor, (ML). | | | 10:00, PID (SOIL)=0 PPMV | | |
| 25 | | | <u>SAND</u> 2.5Y 6/4, fine to medium grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | | | |
| | | | <u>SILT</u> 2.5Y 3/4, no plasticity, compacted, firm, brittle, iron stains, minor organics, dry, no odor, (ML). | | | 10:10, PID (SOIL)=0 PPMV | | |
| | | | <u>SILT</u> 2.5Y 3/4, no plasticity, compacted, firm, brittle, iron stains, minor organics, thin layer (approx 5") of sand at 27'-27.5', fine grained, loose, poorly graded quartz, mafics, mica, dry, no odor, (ML). | | -25- | 10:20, PID (SOIL)=0 PPMV | | |
| | | | <u>SILTY SAND</u> 2.5Y 6/2, fine grained, loose, poorly graded, quartz, mafics, abundant mica, interbedded with silt, no plasticity, compacted, firm, dry, no odor, (SP). | | | 10:30, PID (SOIL)=12 PPMV | | |
| 30 | 23B0104 | | | | | | | |
| | | | <u>SILT</u> 5Y 6/4, no plasticity, well compacted, very firm, brittle, numerous voids filled with organic material, iron stains, dry, no odor, (ML). | | -20- | 10:55PID (SOIL)=0 PPMV | | |
| 35 | | | | | | | | |
| | | | <u>SAND</u> 10YR 6/6, fine grained, loose, poorly graded, quartz, abundant mafics and mica, dry, no odor, (SP). | | | 11:05, PID (SOIL)=0 PPMV PID (SOIL GAS)=11 PPMV | | |
| | 23D0103 | | | | -15- | | | |
| | | | <u>SANDY SILT</u> 2.5Y 3/4, no plasticity, compacted, firm, brittle, with thinly (approx .4") interbedded sand, fine grained, loose, poorly graded quartz, mafics and mica, dry, no odor, (SM). | | | 12:45, PID (SOIL)=.4 PPMV | | |
| 40 | | | <u>SANDY SILT</u> 2.5Y 3/4, no plasticity, compacted, firm, brittle, with thinly (approx .4") interbedded sand (40'-40.3'), fine grained, loose, poorly graded quartz, mafics and mica, (SM). | | | 12:55, PID (SOIL)=0 PPMV | | |
| | | | <u>SILT</u> 2.5Y 3/6, no plasticity, compacted, firm, with organics and iron stained, dry, no odor, (ML). | | -10- | | | |
| | | | <u>SILTY CLAY</u> 2.5Y 4/4, low plasticity, soft, with silt, loose, quartz, mafics, dry, no odor, (CL). | | | 13:05, PID (SOIL)=0 PPMV | | |
| 45 | | | <u>SILT</u> 2.5Y 3/6, no plasticity, well compacted, firm, iron stains, dry, no odor, (ML). | | | | | |

LOG OF DRILLING OPERATIONS

| PROJECT | | | Operable Unit B Soil Gas Validation Study | | LOCATION | | McClellan Air Force Base | |
|--------------------------|---|------------------------|---|-------------|--------------------|----------------------------|--------------------------|--|
| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES | | |
| | 23B0105 | 23D0104 | <u>SAND</u> 10YR 5/8, fine grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | 13:15, PID (SOIL)=0 PPMV | | |
| | | | <u>SILT</u> 2.5Y 5/6, no plasticity, well compacted, firm, brittle, organic material and iron stains, dry, no odor, (ML). | | -5- | 13:35, PID (SOIL)=0.4 PPMV | | |
| 50 | | | | | | | 13:50, PID (SOIL)=0 PPMV | |
| | | | <u>SILTY SAND</u> 2.5Y 6/6, fine grained, loose to slightly compacted, poorly graded, quartz, mica, mafics, red and green metamorphics, with silt, no plasticity, slightly compacted, (SM). | | -0- | 14:00, PID (SOIL)=0 PPMV | | |
| 55 | | | No recovery. | | | | | |
| | | | <u>SILTY SAND</u> 2.5Y 6/4, very fine to fine grained, loose, moderately graded, 10% mica, 20% mafics, 40% quartz, 30% pink and white feldspar, (SM). | | -5- | | | |
| 60 | | | <u>SANDY SILT</u> 2.5Y 5/6, 60% quartz, 20% feldspar, 20% mafics, subrounded to subangular, 30% Clayey Sandy Silt - 2.5Y 5/4, slightly cohesive with iron staining, no plasticity, (SM). | | | PID (SOIL)=0 PPMV | | |
| | | | <u>SILTY CLAY</u> 10YR 6/6 (70%), laminated, voids (10%), iron staining, 10% organics, 30% Sandy Silt - 2.5Y 5/4, slightly cohesive with iron staining, no plasticity, (SM). | | -10- | 15:00, PID (SOIL)=0 PPMV | | |
| 65 | | | <u>SILTY CLAY</u> 10YR 6/6, laminated (voids 10%), 25% silt and very fine sand, iron stains, (CM). | | | 15:15, PID (SOIL)=0 PPMV | | |
| | | | <u>SILTY SAND</u> 10YR 6/6 - 40% quartz, 35% feldspar, 25% silt, slight iron staining. | | | | | |
| | <u>SILTY CLAY</u> 10YR 6/4, 30% silt with mica, 70% clay, (CM). | | -15- | | | | | |
| 70 | 23B0106 | 23D0105 | <u>CLAYEY SILT</u> 2.5Y 6/4, 10% silt, 10% organic particles 80% hard clay, dry, (MC). | | | 16:00, PID (SOIL)=0 PPMV | | |

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|--|--------------------|--------------------------|
| 75 | | | <u>CLAYEY SANDY SILT</u> 10YR 6/6, 20% very fine to fine quartz sand, 20% clay, 60% silt, slightly cohesive, iron staining, 10% organic particle, staining, (SM/MC). |  | -20- | PID (SOIL)=0 PPMV |
| | | | <u>SILTY CLAY</u> 2.5Y 6/6, 20% silt, 80% clay, iron staining, organic particles, (MC). | | -25- | 17:05, PID (SOIL)=0 PPMV |
| 80 | | | <u>TOTAL DEPTH</u> | | -30- | |
| 85 | | | | | -35- | |

LOG OF DRILLING OPERATIONS

| | | | | | |
|--|---|-------------|-----------------|--------------------------|------------------|
| PROJECT | Operable Unit B Soil Gas Validation Study | | LOCATION | McClellan Air Force Base | |
| TOTAL DEPTH | 79.50 | START DATE | 10/8/90 | FINISH DATE | 10/9/90 |
| GEOLOGIST | Mike Thomas | APPROVED BY | Thomas F. Cudde | | CALIF R.G.# 4473 |
| DRILLING COMPANY | Water Development Co. | | DRILLER | Morris Peterson | |
| DRILLING METHOD | Hollow-Stem Auger, 3.75" | | EQUIPMENT | Mobile B53 | |
| DRILL BIT TYPE AND SIZE | 8" drag bit, 2.5" Modified CA Sampler, MOSS setup | | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | Site 23, Adjacent to Probe 25P12. | | | | |

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|--|
| 0 | | | <u>ASPHALT SURFACE</u> | | 55.00 | |
| | | | <u>GRAVELLY CLAY 2.5Y 4/2</u> , low to medium plasticity, medium stiff, soft, with gravel (1-3cm), angular, dry, no odor, (CL). | | | 12:40, PID (SOIL) = 2 PPMV |
| | | | No recovery. | | | |
| | | | <u>SILTY CLAY 2.5Y 2/0</u> , moderate plasticity, medium stiff, soft; silt, low to no plasticity, loose, mafics, quartz, dark colored material, possible stains, dry, no odor, (CL). | | -50- | 13:55, PID (SOIL) = 1.5 PPMV |
| | | | No recovery. | | | |
| | 23B0201 | | <u>SILTY CLAY 2.5Y 2/0</u> , moderate plasticity, medium stiff, soft; silt, low to no plasticity, loose, mafics, quartz, dark colored material, possible stains, dry, no odor, (CL). | | | 14:10, PID (SOIL) = 3 PPMV |
| | 23B0202 | | <u>SILTY CLAY 2.5Y 2/0</u> , low to moderate plasticity, medium stiff, semi soft, damp; silt, low plasticity, loose, mafics, quartz, no odor, (CL). | | | PID (SOIL GAS) = .2 PPMV |
| | 23B0203 | 23D0201 | | | -45- | 14:40, PID (SOIL) = 2 PPMV, PID (SOIL GAS) = .2 PPMV |
| | | | <u>GRAVELLY SILT 2.5Y 6/6</u> , no plasticity, compacted, firm, angular, iron stains; gravel (1-3cm), minor white caliche, dry, no odor, (ML). | | | 14:50, PID (SOIL) = 1 PPMV |
| | | | <u>SAND 2.5Y 5/4</u> , fine grained, slightly compacted, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | 15:40, PID (SOIL) = .5 PPMV |
| | | | | | | 15:50, PID (SOIL) = .2 PPMV |
| | | | <u>SAND 2.5Y 5/4</u> , fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | -40- | 16:00, PID (SOIL) = 12 PPMV |
| | 23B0204 | 23D0202 | | | | PID (SOIL GAS) = .2 PPMV |
| | | | <u>SAND 2.5Y 5/4</u> , fine grained, loose to slightly compacted, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | |
| | | | <u>SILTY SAND 2.5Y 3/4</u> , fine grained, | | -35- | 16:15, PID (SOIL) = 0 PPMV |

****NOTES****

PID = Photoionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

PROJECT **Operable Unit B Soil Gas Validation Study** LOCATION **McClellan Air Force Base**

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| 20 | | | compacted, poorly graded, quartz, mafics and mica; thinly interbedded silt, no plasticity, firm, dry, no odor, (SM). | | | |
| | | | <u>SAND 2.5Y 5/4</u> , fine grained, compacted, poorly graded, quartz, mafics and mica, no plasticity, firm, dry, no odor, (SP). | | | 16:30, PID (SOIL)=0 PPMV |
| | | | <u>SILT 2.5Y 6/6</u> , no plasticity, well compacted, firm, brittle, organics, iron stains, dry, no odor, (ML). | | | STOP 10/08/90, START 10/09/90. |
| 23B0205 | | | <u>SANDY SILT</u> no plasticity, compacted, semi-firm, organic material; sand, fine grained, loose to slightly compacted, quartz, mafics, mica, dry, no odor, (ML). | | | 7:45, PID (SOIL)=92 PPMV |
| 23B0206 | | | <u>SILTY SAND 2.5Y 5/6</u> , fine grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, with silt, no plasticity, compacted, firm, iron stains, dry, no odor, (SM). | | | PID (SOIL)=111 PPMV |
| | | 23D0203 | | | | PID (SOIL GAS)=.3 PPMV PID (SOIL)=5 PPMV |
| | | | | | | 9:30, PID (SOIL)=16 PPMV |
| 30 | | | <u>CLAYEY SILT 5Y 6/3</u> , no plasticity, well compacted, firm, brittle, organic material, iron stains; clay, low plasticity, dense, very stiff, dry, no odor, (ML). | | -25- | 9:45, PID (SOIL)=0 PPMV |
| | | | <u>SAND 2.5Y 5/6</u> , fine grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, iron stains, dry, no odor, (SP). | | | |
| | | | <u>SILT 2.5Y 6/6</u> , no plasticity, well compacted, firm, brittle, organic material, iron stains, dry, no odor, (ML). | | | 9:55, PID (SOIL)=3 PPMV |
| 35 | | | <u>SAND 2.5Y 6/2</u> , fine to medium grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | -20- | |
| | | | <u>SANDY SILT 2.5Y 6/4</u> , no plasticity, firm, compacted, brittle, iron stains, organic material; sand, fine grained, loose, quartz, mafics, mica, dry, no odor, (ML). | | | 10:10, PID (SOIL)=.4 PPMV |
| | | | <u>SILT 2.5Y 6/4</u> , no plasticity, well compacted, very firm, brittle, organic material, iron stains, dry, no odor, (ML). | | | |
| | | | <u>SANDY SILT 2.5Y 6/6</u> , no plasticity, firm, compacted, iron stains; sand, fine grained, loose to slightly compacted, quartz, mafics, mica, dry, no odor, (ML). | | -15- | 10:20, PID (SOIL)=0 PPMV |
| 40 | | | | | | |
| | | | <u>SILT 2.5Y 5/4</u> , no plasticity, well compacted, brittle, numerous voids filled with organic material, fine sand, iron staining, minor white caliche, dry, no odor, (ML). | | | 10:35, PID (SOIL)=0 PPMV |
| | | | <u>SANDY SILT 2.5Y 3/4</u> , no plasticity, compacted, firm, iron stained, organic material; sand, quartz, mafics and mica, (ML). | | -10- | 12:00, PID (SOIL)=0 PPMV |
| 45 | | | | | | |

LOG OF DRILLING OPERATIONS

PROJECT **Operable Unit B Soil Gas Validation Study** LOCATION **McClellan Air Force Base**

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|--|
| | 23B0207 | 23D0204 | <p><u>SAND</u> 10YR 5/6, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP).</p> <p><u>SAND</u> 10YR 5/6, fine to medium grained, loose, poorly graded, quartz, mafics, mica, green metamorphics, iron stains, dry, no odor, (SP).</p> | | | <p>12:15, PID (SOIL) = 0 PPMV</p> |
| 50 | | | <p><u>SANDY SILT</u> 10YR 4/6, no plasticity, compacted, semi-firm, brittle, organics, iron stains; sand, quartz, mafics and mica, dry, no odor, (ML).</p> <p><u>SANDY SILT</u> 10YR 4/6, no plasticity, compacted, semi-firm, brittle, organic material, iron stains; sand, quartz, mafics and mica, numerous voids, filled with organic material, dry, no odor, (ML).</p> | | -5- | <p>13:00, PID (SOIL) = .5 PPMV, PID (SOIL GAS) = 13 PPMV</p> <p>13:20, PID (SOIL) = 0 PPMV</p> <p>13:30, PID (SOIL) = 0 PPMV</p> |
| 55 | | | <p><u>INTERBEDDED SAND & SILT</u> 10YR 4/6, fine to medium, loose to slightly compacted, iron stained, quartz, mafics, mica; no plasticity, firm, compacted, brittle, dry, no odor, (SM).</p> | | -0- | <p>13:45, PID (SOIL) = 0 PPMV</p> |
| | | | <p><u>SAND</u> 10YR 4/6, fine grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, iron stains, dry, no odor, (SP).</p> <p><u>SILT</u> 2.5Y 3/4, no plasticity, well compacted, firm, brittle, iron stains, organic material, dry, no odor, (ML).</p> | | | <p>14:00, PID (SOIL) = 0 PPMV</p> |
| 60 | | | <p><u>SAND</u> 10YR 4/6, fine to medium grained, loose, poorly graded, quartz, feldspar, mafics, green and red metamorphics, dry, no odor, (SP).</p> | | -5- | <p>14:40, PID (SOIL) = 1.5 PPMV</p> |
| | | | <p><u>SILT</u> 2.5Y 4/4, no plasticity, well compacted, firm, iron stains, dry, no odor, (ML).</p> <p><u>SILT</u> 2.5Y 3/6, no plasticity, compacted, firm, iron stained, organic material, minor sand and clay, dry, no odor, (ML).</p> | | -10- | <p>14:50, PID (SOIL) = 0 PPMV</p> |
| 65 | | | <p><u>SAND</u> 10YR 5/6, fine to medium grained, loose, poorly graded, quartz, mafics and mica, iron stains, dry, no odor, (SP).</p> | | | |
| 70 | | 23D0205 | <p><u>SILT</u> 10YR 4/6, no plasticity, very well compacted, brittle, numerous voids, voids filled with organics, iron stains, dry, no odor, (ML).</p> | | -15- | <p>15:10, PID (SOIL) = 0 PPMV</p> |

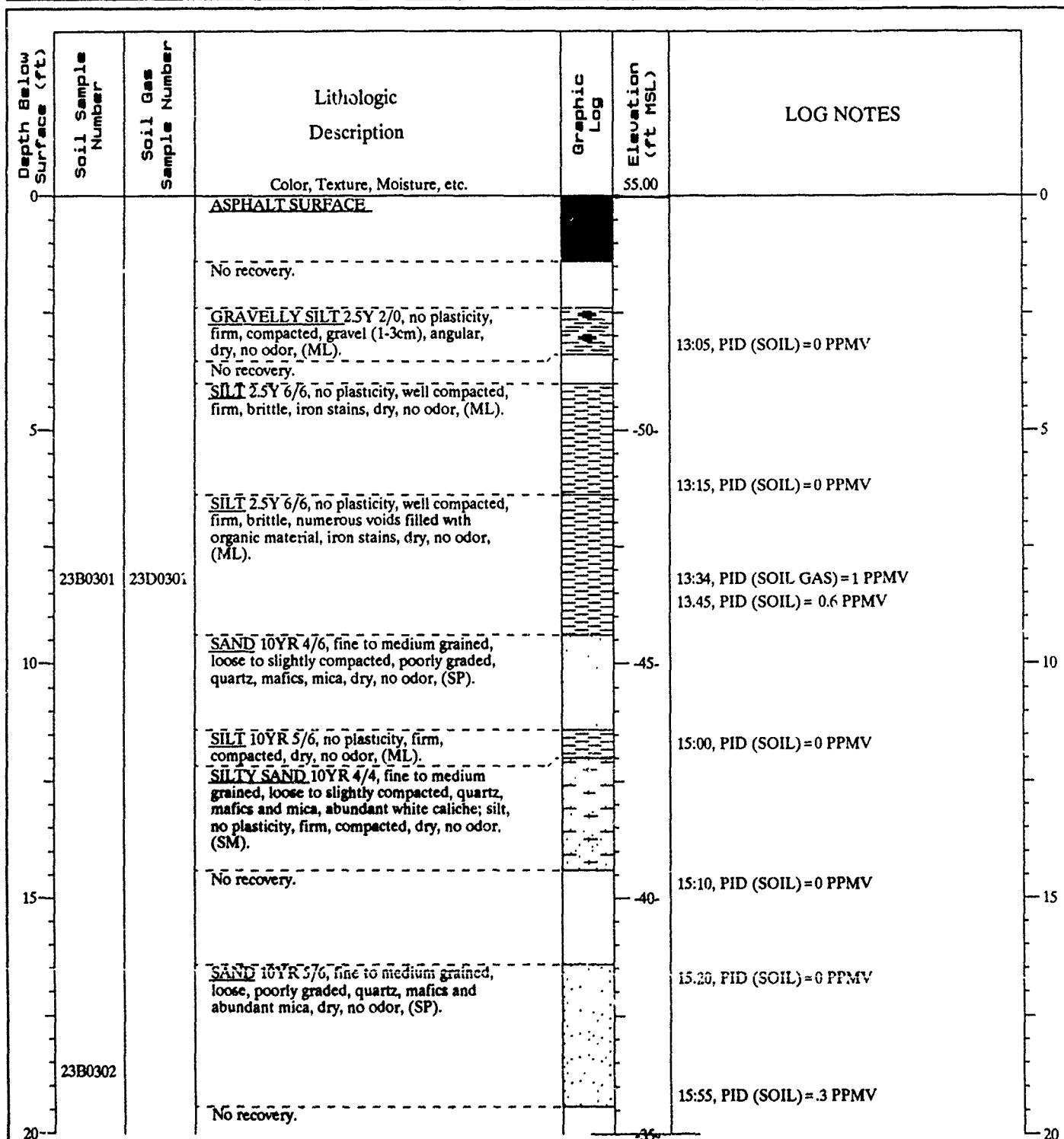
LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|------------------------|-------------|--------------------|--------------------------|
| 75 | | | | | -20- | 16:00, PID (SOIL)=0 PPMV |
| | | | | | | 16:15, PID (SOIL)=0 PPMV |
| | | | | | | PID (SOIL)=0 PPMV |
| 80 | | | <u>TOTAL DEPTH</u> | | -25- | |
| | | | | | | |
| 85 | | | | | -30- | |

LOG OF DRILLING OPERATIONS

| | | | | | |
|--|---|-------------|-------------------|--------------------------|------------------|
| PROJECT | Operable Unit B Soil Gas Validation Study | | LOCATION | McClellan Air Force Base | |
| TOTAL DEPTH | 79.50 | START DATE | 10/10/90 | FINISH DATE | 10/11/90 |
| GEOLOGIST | Mike Thomas | APPROVED BY | Thomas F. Cubzato | | CALIF R.G.# 4473 |
| DRILLING COMPANY | Water Development Co. | | DRILLER | Morris Peterson | |
| DRILLING METHOD | Hollow-Stem Auger, 3.75" | | EQUIPMENT | Mobile B53 | |
| DRILL BIT TYPE AND SIZE | 8" drag bit, 2.5" Modified CA Sampler, MOSS setup | | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | Site 23, Adjacent to Probe 23P19. | | | | |


****NOTES****

PID = Photoionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---|
| 20 | | | <u>SAND</u> 10YR 5/6, fine to medium grained, loose, poorly graded, quartz, mafics and abundant mica, dry, no odor, (SP). | | | 16:05, PID (SOIL)=0 PPMV |
| | | | <u>SAND</u> 2.5Y 6/4, fine to medium grained, loose to slightly compacted, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | |
| | | | <u>SILT</u> 2.5Y 6/2, no plasticity, compacted, firm, brittle, minor iron stains, dry, no odor, (ML). | | | |
| 25 | | | <u>SAND</u> 2.5Y 7/0, fine grained, loose, poorly graded, quartz, mica and minor mafics, dry, no odor, (SP). | | -30- | 16:10, PID (SOIL)=.1 PPMV |
| | | | <u>SANDY SILT</u> 2.5Y 4/4, no plasticity, compacted, firm, brittle, minor voids, minor iron stains, quartz and mafics, dry, no odor, (ML). | | | |
| | | | <u>SILT</u> 2.5Y 5/6, no plasticity, well compacted, firm, brittle, iron stained, organics, dry, no odor, (ML). | | | |
| | | | <u>SAND</u> 2.5Y 6/0, fine grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | 16:20, PID (SOIL)=0 PPMV |
| 30 | | | <u>SANDY SILT</u> 2.5Y 5/4, no plasticity, compacted, semi firm, iron stains; sand, fine grained, loose, quartz, mafics and mica, dry, no odor, (ML). | | -25- | |
| | | | <u>SAND</u> 2.5Y 5/2, fine grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | STOP 10/10/90, START 10/11/90. 7:30, PID (SOIL)=0 PPMV |
| | | | <u>SAND</u> 2.5Y 5/2, fine grained, loose, poorly graded, quartz, mafics, mica; minor amount of silt, no plasticity, firm, compacted, dry, no odor, (SP). | | | |
| 35 | 23B0303 23B0304 | 23D0303 | <u>SILTY SAND</u> 2.5Y 3/2, fine grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | -20- | PID (SOIL GAS)=.1 PPMV 8:10, PID (SOIL)=4 PPMV |
| | | | <u>SILT</u> 5Y 5/4, no plasticity, compacted, semi-firm, brittle, numerous voids filled with organic material, iron stains, dry, no odor, (ML). | | | 8:20, PID (SOIL)=0 PPMV |
| | | | <u>SANDY SILT</u> 10YR 5/4, no plasticity, compacted, semi-firm, brittle, numerous voids filled with organic material and fine grained sand; sand interbeds (apprx .3"), fine grained, loose, quartz, dry, no odor, (ML). | | -15- | 8:30, PID (SOIL)=0 PPMV |
| 40 | | | No recovery. | | | 8:50, PID (SOIL)=0 PPMV |
| | | | <u>SAND</u> 10YR 4/4, fine to medium grained, compacted, brittle, poorly graded, quartz, abundant mafics and mica, iron stains, dry, no odor (SP). | | | |
| 45 | 23B0305 | | No recovery. | | | 9:00, PID (SOIL)=4 PPMV |
| | | | <u>SAND</u> 10YR 4/4, fine to medium grained, compacted, brittle, poorly graded, quartz, | | -10- | |




LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| | | | abundant mafics and mica, iron stains, abundant organic material, dry, no odor (SP). | | | 9:20, PID (SOIL)=0 PPMV |
| | | | No recovery. | | | |
| | | | <u>SANDY SILT</u> 10YR 4/4, no plasticity, well compacted, firm, iron stains; sand, fine grained, compacted, quartz, mafics and mica, dry, no odor, (ML). | | | 9:30, PID (SOIL)=0 PPMV |
| 50 | | | No recovery. | | -5- | |
| | | | <u>SAND</u> 2.5Y 5/4, very fine to fine grained, loose, poorly graded, quartz, mafics and abundant mica, iron stains, dry, no odor, (SP). | | | 9:45, PID (SOIL)=0 PPMV |
| | | | No recovery. | | | |
| | | | <u>SANDY SILT</u> 2.5Y 5/4, no plasticity, compacted, semi-firm, brittle, iron stained, voids filled with organic material, quartz, mafics and mica, dry, no odor, (ML). | | | PID (SOIL GAS)=.1 PPMV |
| 55 | 23D0304 | | <u>SILTY SAND</u> 2.5Y 5/4, fine grained, loose to compacted, poorly graded, iron stains; silt interbeds (approx 5"), no plasticity, compacted, firm, voids with organic material, iron stains, dry, no odor, (SM). | | -0- | 10:30, PID (SOIL)=0 PPMV |
| | | | <u>SILTY SAND</u> 2.5Y 5/4, fine grained, loose to compacted, poorly graded, abundant iron stains; silt interbeds (approx 5"), no plasticity, compacted, firm, many voids with organic material, dry, no odor, (SM). | | | 11:00, PID (SOIL)=0 PPMV |
| | | | No recovery. | | | 11:10, PID (SOIL)=0 PPMV |
| 60 | | | No recovery. | | -5- | |
| | | | <u>SANDY SILT</u> 2.5Y 4/4, no plasticity, compacted, firm, iron stained, quartz, mafics, dry, no odor, (ML). | | | 12:30, PID (SOIL)=0 PPMV |
| | | | <u>SAND</u> 2.5Y 4/4, fine grained, loose, poorly graded, iron stains, quartz, mafics, mica, dry, no odor, (SP). | | -10- | |
| 65 | | | <u>SILT</u> 2.5Y 5/6, no plasticity, well compacted, hard, minor iron stains, dry, no odor, (ML). | | | 13:15, PID (SOIL)=0 PPMV PID (SOIL GAS)=.8 PPMV 13:30, PID (SOIL)=.2 PPMV |
| | 23B0306 | 23D0305 | <u>CLAY</u> 2.5Y 6/4, moderate plasticity, dense, hard, dry, no odor, (CL). | | -15- | 13:50, PID (SOIL)=0 PPMV |
| 70 | | | | | | |

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|--|--------------------|--------------------------|
| | | | <u>SILT</u> 10YR 6/8, no plasticity, well compacted, hard, abundant organic material, iron stains, dry, no odor, (ML). |  | | PID (SOIL)=0 PPMV |
| 75 | | | <u>SILT</u> 10YR 6/8, no plasticity, compacted, semi-firm, abundant voids filled with organic material, abundant iron stains, dry, no odor, (ML). |  | -20- | PID (SOIL)=0 PPMV |
| 80 | | | <u>TOTAL DEPTH</u> |  | -25- | 14:10, PID (SOIL)=0 PPMV |
| 85 | | | | | -30- | |

LOG OF DRILLING OPERATIONS

| | | | | |
|--|---|-------------|-----------------|--------------------------|
| PROJECT | Operable Unit B Soil Gas Validation Study | | LOCATION | McClellan Air Force Base |
| TOTAL DEPTH | 79.50 | START DATE | 10/12/90 | FINISH DATE 10/15/90 |
| GEOLOGIST | Mike Thomas | APPROVED BY | Thomas F. Cudde | CALIF R.G.# 4473 |
| DRILLING COMPANY | Water Development Co. | DRILLER | Morris Peterson | |
| DRILLING METHOD | Hollow-Stem Auger, 3.75" | EQUIPMENT | Mobile B53 | |
| DRILL BIT TYPE AND SIZE | 8" drag bit, 2.5" Modified CA Sampler, MOSS setup | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | Site 23, Adjacent to Probe 23P26. | | | |

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---|
| 0 | | | ASPHALT SURFACE | | 53.00 | |
| | | | No recovery. | | | |
| | | | GRAVELLY CLAY 2.5Y 2/0, moderate plasticity, medium stiff, semi-soft; gravel (1-2cm), angular, dry, no odor, (CL). | | -50- | 9:50, PID (SOIL) = 5 PPMV |
| | | | No recovery. | | | |
| 5 | | | SILT 10YR 5/8, no plasticity, well compacted, very firm, iron stained; minor amount of gravel (1-2cm), angular, dry, no odor, (ML). | | | PID (SOIL) = .2 PPMV |
| | | | No recovery. | | | |
| | | | SAND 10YR 4/6, fine grained, loose to slightly compacted, poorly graded, quartz, mafics and mica, with minor amount of caliche, dry, no odor, (SP). | | -45- | 10:00, PID (SOIL) = 5 PPMV |
| | | | SILTY SAND 2.5Y 5/4, fine grained, loose to compacted, poorly graded, quartz, mafics, mica, abundant caliche between 11' - 12'; silt, no plasticity, firm, compacted, dry, no odor, (SM). | | | 12:20, PID (SOIL GAS) = 18 PPMV |
| 10 | 23B0401 | 23D0401 | | | | |
| | 23B0402 | | | | | 12:50, PID (SOIL) = 7 PPMV |
| | | | SANDY SILT 2.5Y 6/4, no plasticity, well compacted, firm with quartz and mafics; sand, moderate amount of caliche, dry, no odor, (ML). | | -40- | PID (SOIL) = 4 PPMV |
| | | | No recovery. | | | |
| 15 | | | SAND 2.5Y 6/2, fine to medium grained, loose, poorly graded, quartz, abundant mafics and mica, dry, no odor, (SP). | | | 14:00, PID (SOIL) = .3 PPMV, PID (SOIL GAS) = .8 PPMV |
| | | 23D0402 | No recovery. | | | |
| | | | SAND 2.5Y 6/2, fine to medium grained, loose, poorly graded, quartz, abundant mafics and mica, dry, no odor, (SP). | | -35- | 14:15, PID (SOIL) = 0 PPMV |
| 20 | | | | | | |

****NOTES****

PID = Photolionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| 20 | | | <u>GRAVELLY SAND</u> 2.5Y 6/4, fine to coarse grained, loose to compacted, well graded, quartz, abundant mafics and mica; gravels (1-3cm), rounded, compacted with sand, moist, no odor, (GW). | | | |
| | | | <u>SILT</u> 5Y 6/3, no plasticity, compacted, firm, very brittle, minor organics and iron stains, dry, no odor, (ML). | | -30- | 14:25, PID (SOIL) = 0 PPMV |
| 25 | | | <u>SANDY SILT</u> 5Y 4/4, no plasticity, slightly compacted, semi-firm, brittle; quartz, mafics in sand, moderate voids, iron stains, dry, no odor, (ML). | | -25- | 15:00, PID (SOIL) = 0 PPMV |
| | | | <u>CLAYEY SILT</u> 2.5Y 5/6, no plasticity, compacted, soft, semi-firm, iron stains with numerous tiny voids; clay, dry, no odor, (ML). | | -30- | 15:10, PID (SOIL) = 0 PPMV |
| 30 | | | <u>SAND</u> 2.5Y 5/4, fine grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | 15:20, PID (SOIL) = 0 PPMV |
| | | | <u>SILT</u> 2.5Y 6/2, no plasticity, hard, compacted, brittle, with abundant iron stains, dry, no odor, (ML). | | -20- | |
| | | | <u>SAND</u> 10YR 5/6, fine grained, loose to compacted, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | 15:40, PID (SOIL) = 0 PPMV |
| 35 | 23D0403 | | <u>SILT</u> 2.5Y 6/2, no plasticity, compacted, brittle, minor iron stains, dry, no odor, (ML). | | | PID (SOIL GAS) = 0 PPMV STOP 10/12/90, START 10/15/90. |
| | | | <u>SILT</u> 2.5Y 6/2, no plasticity, compacted, semi-firm, brittle, numerous tiny voids filled with organic material, iron stains, dry, no odor, (ML). | | -15- | 8:00, PID (SOIL) = 0 PPMV |
| 40 | 23B0403 | | <u>SILT</u> 2.5Y 6/2, no plasticity, compacted, semi-firm, brittle, abundant voids, tubes filled with organic material, minor iron stains and caliche, dry, no odor, (ML). | | | 08:10, PID (SOIL) = 0 PPMV |
| | | | <u>SILT</u> 2.5Y 6/2, no plasticity, compacted, semi-firm, brittle, abundant voids, tubes filled with organic material, minor iron stains and caliche, dry, no odor, (ML). | | | 8:20, PID (SOIL) = 0 PPMV |
| | | | <u>SILTY SAND</u> 2.5Y 4/4, fine grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, iron stains, minor caliche and silt, dry, no odor, (SM). | | -10- | |
| 45 | | | <u>SAND</u> 2.5Y 5/4, fine grained, loose to slightly compacted, poorly graded, quartz, mafics, green and red metamorphics, mica, dry, no | | | 8:30, PID (SOIL) = 0 PPMV |

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---------------------------|
| | | | odor, (SP). | | | |
| | | | <u>SILT 2.5Y 6/8</u> , no plasticity, compacted, firm, abundant iron stains, dry, no odor, (MC). | | | 8:50, PID (SOIL)=0 PPMV |
| | | | <u>INTERBEDDED SILTY SAND & SAND 2.5Y 4/4</u> , fine grained, loose to compacted, poorly graded, quartz, mafics and mica, dry, no odor, (SP/SM). | | -5- | |
| 50 | | | <u>SILT 2.5Y 5/6</u> , no plasticity, compacted, firm, brittle, minor iron stains, dry, no odor, (ML). | | | 9:05, PID (SOIL)=0 PPMV |
| | | | <u>SAND 10YR 3/4</u> , fine to medium grained, loose, poorly graded, quartz, mafics, red metamorphics, mica, dry, no odor, (SP). No recovery. | | | 9:25, PID (SOIL)=0 PPMV |
| | | | <u>SAND 10YR 3/4</u> , fine to medium grained, loose, poorly graded, quartz, mafics, red metamorphics, mica, dry, no odor, (SP). | | -0- | 10:05, PID (SOIL)=.2 PPMV |
| 55 | 23B0404 | 23D0404 | No recovery. | | | PID (SOIL GAS)=.2 PPMV |
| | | | <u>SAND 10YR 4/6</u> , fine to medium grained, loose, poorly graded, quartz, mafics, green and red metamorphics, iron stains, dry, no odor, (SP). | | | 10:25, PID (SOIL)=0 PPMV |
| | | | <u>SILTY SAND 10YR 5/6</u> , fine to medium grained, loose to slightly compacted, quartz, mafics, metamorphics and mica, iron stains; silt interbeds (approx .5") no plasticity, compacted, firm, dry, no odor, (SM). | | -5- | 10:35, PID (SOIL)=0 PPMV |
| 60 | | | <u>SAND 10YR 3/4</u> , fine to medium grained, loose, poorly graded, quartz, abundant mafics and mica, metamorphics, dry, no odor, (SP). | | | 11:00, PID (SOIL)=0 PPMV |
| | | | <u>SILT 2.5Y 6/8</u> , no plasticity, compacted, firm, iron stains, dry, no odor, (ML). | | -10- | |
| | | | <u>SAND 10YR 3/4</u> , fine to coarse grained, loose, well graded, quartz, mafics, metamorphics and mica, dry, no odor, (SW). | | | |
| 65 | | | <u>SAND 10YR 4/6</u> , fine grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | |
| | | | <u>SILT 2.5Y 5/6</u> , no plasticity, compacted, firm, iron stains, dry, no odor, (ML). | | | |
| | | | <u>SILTY SAND 10YR 4/6</u> , fine to medium grained, loose to slightly compacted, quartz, mafics and mica; silt, dry, no odor, (SM). | | | 12:30, PID (SOIL)=0 PPMV |
| | | | <u>CLAYEY SILT 2.5Y 5/4</u> , low plasticity, slightly compacted, soft; clay, moderate plasticity, medium stiff, dry, no odor, (ML). | | -15- | |
| | | | <u>SILT 5Y 6/3</u> , no plasticity, very well compacted, very firm, abundant iron stains, dry, no odor, (ML). | | | 13:40, PID (SOIL)=0 PPMV |
| 70 | | | <u>SILT 10YR 5/8</u> , no plasticity, well compacted, very hard with numerous voids filled with organic material, abundant iron stains, dry, no odor, (ML). | | | |

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|--------------------------|
| | | | <u>SILT</u> 10YR 5/8, no plasticity, compacted, poorly graded, mafics, quartz, very hard with numerous voids filled with organic material, abundant iron stains; sand layer (approx .4") thick, dry, no odor. (ML). | | -20- | 13:50, PID (SOIL)=0 PPMV |
| 75 | | | <u>SILT</u> 10YR 5/8, no plasticity, compacted, poorly graded, mafics, quartz, very hard, abundant voids and organic material, abundant iron stains, dry, no odor, (ML). | | | 14:15, PID (SOIL)=0 PPMV |
| | | | | | -25- | PID (SOIL)=0 PPMV |
| 23B0405 | 23D0405 | | <u>TOTAL DEPTH</u> | | | 15:20, PID (SOIL)=0 PPMV |
| 80 | | | | | | |
| | | | | | -30- | |
| 85 | | | | | | |

LOG OF DRILLING OPERATIONS

| | | | | | | | |
|--|--|-------------|-------------------------|-------------|---------------------------------|-------------|--|
| PROJECT | <u>Operable Unit B Soil Gas Validation Study</u> | | | LOCATION | <u>McClellan Air Force Base</u> | | |
| TOTAL DEPTH | <u>79.50</u> | START DATE | <u>10/16/90</u> | FINISH DATE | <u>10/17/90</u> | | |
| GEOLOGIST | <u>Mike Thomas</u> | APPROVED BY | <u>Thomas F. Cukzys</u> | | CALIF R.G.# | <u>4473</u> | |
| DRILLING COMPANY | <u>Water Developement Co.</u> | | | DRILLER | <u>Morris Peterson</u> | | |
| DRILLING METHOD | <u>Hollow-Stem Auger, 3.75"</u> | | | EQUIPMENT | <u>Mobile B53</u> | | |
| DRILL BIT TYPE AND SIZE | <u>8" drag bit, 2.5" Modified CA Sampler, MOSS setup</u> | | | | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | <u>Site 23, Adjacent to Probe 23P32.</u> | | | | | | |

| Depth, Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|---------------------------|--------------------|------------------------|---|-------------|--------------------|--|
| 0 | | | <u>ASPHALT SURFACE</u> | | 54.00 | |
| | | | No recovery. | | | |
| | | | <u>CLAY</u> 10YR 8/4, high plasticity, high stiffness, dense, damp, no odor, (CL). | | | |
| | | | No recovery. | | | 10:15, PID (SOIL)=0 PPMV |
| | | | <u>SILT</u> 10YR 4/6, no plasticity, well compacted, hard, iron stained, with moderate amount of caliche, dry, no odor, (ML). | | -50- | |
| | | | No recovery. | | | 10:30, PID (SOIL)=0 PPMV |
| | | | <u>SANDY SILT</u> 2.5Y 5/4, no plasticity, compacted, semi-firm with iron stains and minor caliche; moderate amount of sand, loose, quartz, mafics. dry, no odor, (ML). | | -45- | 10:50, PID (SOIL)=.5 PPMV, PID (SOIL GAS)=2 PPMV |
| 23B0501 | 23D0501 | | | | | |
| | | | <u>SILT</u> 5Y 5/4, no plasticity, well compacted, firm, with abundant caliche, dry, no odor, (ML). | | | 11:10, PID (SOIL)=.5 PPMV |
| | | | <u>SILT</u> 2.5Y 6/4, no plasticity, compacted, firm, brittle with abundant amount of organic material, iron stains, dry, no odor, (ML). | | -40- | |
| | | | <u>SILTY SAND</u> 5Y 5/3, fine grained, loose to compacted, friable, poorly graded, quartz, mafics and mica; silt, dry, no odor, (SM). | | | 11:20, PID (SOIL)=0 PPMV |
| | | | <u>SILT</u> 5Y 5/3, no plasticity, compacted, hard, abundant organic material, dry, no odor, (ML). | | | 12:30, FID (SOIL)=0 PPMV |
| | | | <u>SAND</u> 5Y 6/2, fine grained, loose to compacted, friable, poorly graded, quartz and abundant mafics, mica, dry, no odor, (SP). | | -35- | PID (SOIL)=0 PPMV |
| 23B0502 | | | | | | |

****NOTES****

PID = Photolization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| 20 | | | | | | 13:00, PID (Breathing Zone [BZ]) = 2.4 PPMV |
| | | | <u>SANDY SILT 5Y 5/2</u> , no plasticity, compacted, firm, brittle, iron stain, organic material, fine grained sand, quartz, mafics, dry, no odor, (ML). | | | PID (SOIL) = .2 PPMV |
| | | | <u>SILT 5Y 5/2</u> , no plasticity, firm, compacted, brittle, numerous voids filled with organic material, iron stains, dry, no odor, (ML). | | -30- | 13:15, PID (SOIL) = 0 PPMV |
| 25 | | | <u>SAND 5Y 6/2</u> , fine grained, loose to slightly compacted, friable, poorly graded, quartz and abundant mafics, mica, dry, no odor, (SP). | | | 13:30, PID (SOIL) = 0 PPMV |
| | | | <u>SANDY SILT 5Y 6/3</u> , no plasticity, compacted, firm, brittle, minor iron stains and organic material, sand, fine grained, mafics, quartz, dry, no odor, (ML). | | -25- | 13:40, PID (SOIL) = 0 PPMV |
| 30 | | | No recovery. | | | |
| | | | <u>SAND & SANDY SILT 5Y 4/4</u> , Interbedded (approx .5' to 1'), SAND - fine grained, loose, poorly graded, quartz, mafics and mica, iron stains, dry, no odor, (SP). SANDY SILT - 5Y 4/4, no plasticity, compacted, firm, brittle, iron stains, minor organic material and sand, quartz, mafics, dry, no odor, (ML). | | | 13:55, PID (SOIL) = 0 PPMV |
| 23B0503 | | | No recovery. | | -20- | PID (SOIL) = 0 PPMV |
| 35 | | | <u>SILT 5Y 6/2</u> , no plasticity, well compacted, firm, brittle, numerous voids filled with organic material, abundant iron stains, dry, no odor, (ML). | | | 14:00, PID (SOIL) = 0 PPMV |
| | | | <u>SAND 2.5Y 4/4</u> , fine to medium grained, loose, poorly graded, quartz, abundant mafics and mica, dry, no odor, (SP). | | -15- | 14:30, PID (SOIL) = 0 PPMV |
| 40 | | | No recovery. | | | |
| | | | <u>SILT 2.5Y 5/6</u> , no plasticity, well compacted, very firm, brittle, iron staining, caliche, dry, no odor, (ML). | | | 14:55, PID (SOIL) = 0 PPMV |
| | | | <u>SILT 5Y 6/2</u> , no plasticity, very firm, well compacted, iron stains, minor clay, dry, no odor, (ML). | | -10- | |
| 45 | | | No recovery. | | | |

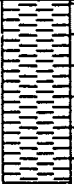

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---------------------------|
| | | | | | | 15:10, PID (SOIL)=0 PPMV |
| | | | SAND 2.5Y 5/6, fine to medium grained, loose, poorly graded, quartz, mafics, mica and metamorphics, iron stains, dry, no odor, (SP). | | | |
| | | | SILT 2.5Y 5/6, no plasticity, well compacted, firm, brittle, iron staining, organic material, dry, no odor, (ML). | | -5- | 15:20, PID (SOIL)=0 PPMV |
| 50 | | | SILT 2.5Y 6/4, no plasticity, compacted, firm, brittle, abundant voids filled with organic material, abundant iron staining, dry, no odor, (ML). | | | PID (SOIL)=0 PPMV |
| | | | | | | |
| | | | SAND 2.5Y 5/6, f, lse, prly grdd, qtz, maf, mica, iron staining, dry, no odor, (SP). | | -0- | PID (SOIL)=0 PPMV |
| 55 | | | SILT 2.5Y 6/4, no plasticity, compacted, firm, brittle, abundant voids filled with organic material, abundant iron staining, dry, no odor, (ML). | | | |
| | | | SANDY SILT 2.5Y 3/2, no plasticity, compacted, firm, iron stained; sand, abundant fine quartz, mafics and mica sand, dry, no odor, (ML). | | | 15:30, PID (SOIL)=4 PPMV |
| 23B0504 23B0505 | | | | | | PID (SOIL)=6 PPMV |
| | | | No recovery. | | -5- | |
| 60 | | | | | | PID (SOIL)=0 PPMV |
| | | | SAND | | | |
| | | | No recovery. | | -10- | 16:00, PID (SOIL)=0 PPMV |
| 65 | | | | | | |
| | | | SILTY SAND & SAND 2.5Y 5/6, fine to medium grained, loose, poorly graded, quartz, mafics, mica and metamorphics with silty sand interbeds (approx 5'), firm, compacted, dry, no odor, (SP/SM). | | | 16:10, PID (SOIL)=10 PPMV |
| 23B0506 | | | | | -15- | |
| | | | No recovery. | | | |
| 70 | | | SILT 2.5Y 5/4, no plasticity, compacted, firm, brittle, numerous voids filled with organic material, abundant iron stains, minor amount of fine sand, quartz, mafic, dry, no | | | PID (SOIL)=1.5 PPMV |

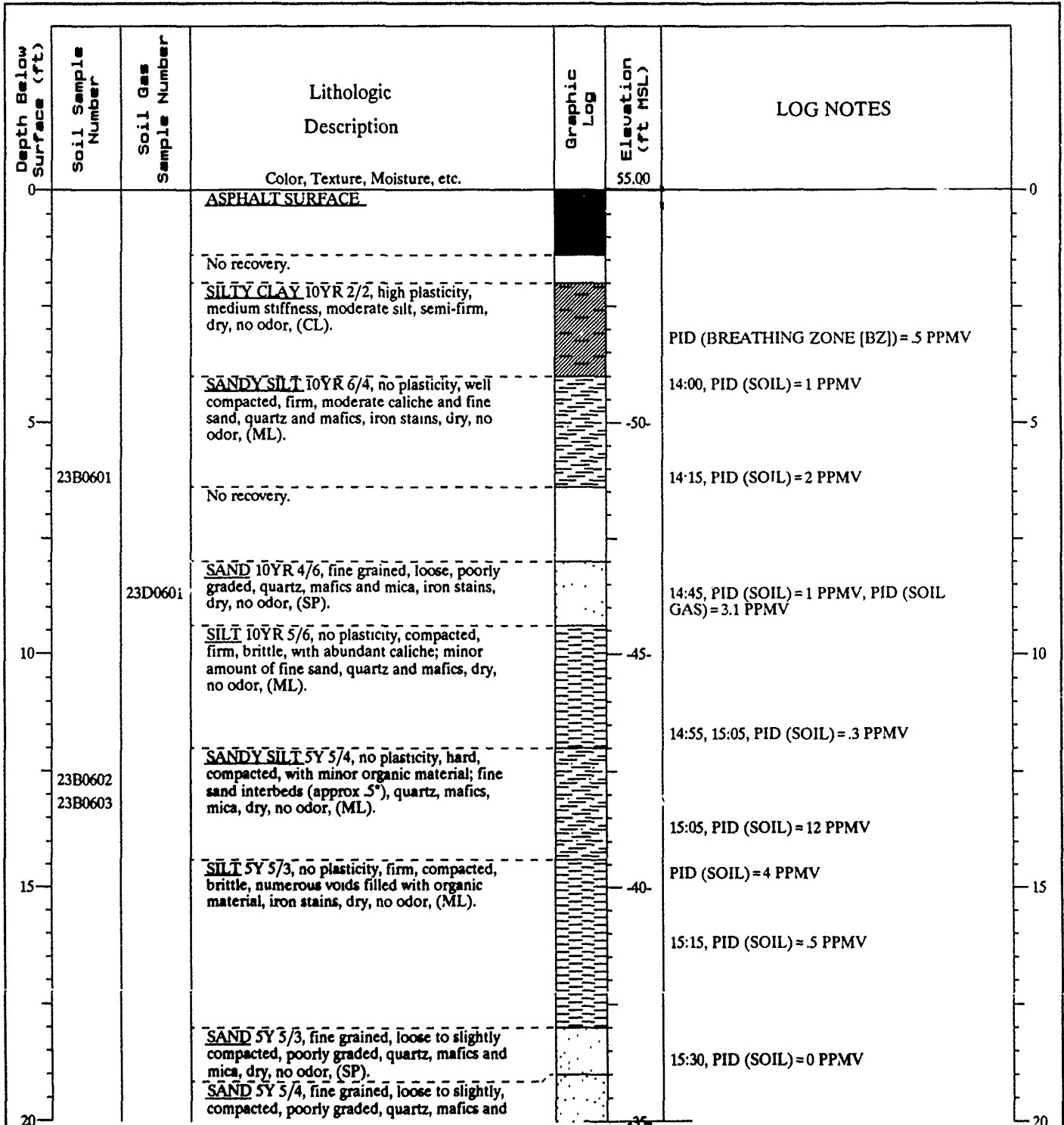
LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|---|--------------------|--------------------------------|
| | | | odor, (ML). |  | | 16:15, PID (SOIL)= 2 PPMV |
| 75 | | 23D0502 | No recovery. | | -20- | STOP 10/16/90, START 10/17/90. |
| | | | SANDY SILT 2.5Y 5/6, no plasticity, compacted, brittle, with abundant iron stains; fine sand, quartz and mafics, dry, no odor, (ML). |  | -25- | 8:15, PID (SOIL GAS)= .3 PPMV |
| 80 | | | TOTAL DEPTH | | | PID (SOIL)=0 PPMV |
| 85 | | | | | -30- | |

LOG OF DRILLING OPERATIONS

| | | | | | |
|--|---|-------------|-----------------|--------------------------|----------|
| PROJECT | Operable Unit B Soil Gas Validation Study | | LOCATION | McClellan Air Force Base | |
| TOTAL DEPTH | 79.50 | START DATE | 10/17/99 | FINISH DATE | 10/18/90 |
| GEOLOGIST | Mike Thomas | APPROVED BY | Thomas F. Cudde | CALIF R.G.# | 4473 |
| DRILLING COMPANY | Water Development Co. | | DRILLER | Morris Peterson | |
| DRILLING METHOD | Hollow-Stem Auger, 3.75" | | EQUIPMENT | Mobile B53 | |
| DRILL BIT TYPE AND SIZE | 8" drag bit, 2.5" Modified CA Sampler, MOSS setup | | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | Site 23, Adjacent to Probe 23P31. | | | | |


****NOTES****

PID = Photoionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---|
| 20 | 23B0604 | 23D0602 | mica, dry, no odor, (SP). | | | 16:00, PID (SOIL) = .3 PPMV, PID (SOIL GAS) = 2.5 PPMV |
| | | | SAND 5Y 5/4, fine grained, loose to slightly compacted, poorly graded, quartz, mafics and mica; from 23.5' - 23.9' silt, no plasticity, firm, dry, no odor, (SP). | | | 16:10, PID (SOIL) = 0 PPMV STOP 10/17/90, START 10/18/90 |
| 25 | | | SILT 5Y 5/3, no plasticity, compacted, firm, brittle, minor voids filled with organic material, dry, no odor, (ML). | | -30- | |
| | | | SAND 5Y 5/4, fine grained, loose to compacted, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | |
| | | 23D0603 | SANDY SILT 5Y 5/3, no plasticity, compacted, semi-firm, brittle, with abundant iron stains; fine sand, quartz and mafics, dry, no odor, (ML). | | | 7:45, PID (SOIL) = 1 PPMV |
| 30 | | | SILT 5Y 5/3, no plasticity, firm, compacted, brittle, with numerous tiny (approx 1cm) voids, abundant iron stains, dry, no odor, (ML). | | -25- | |
| | | | SAND 5Y 5/4, fine grained, loose to compacted, poorly graded, quartz, mafics, mica, dry, no odor, (SP). | | | 8:20, PID (SOIL) = .1 PPMV |
| | | | SILT 5Y 5/3, no plasticity, semi-compacted, semi-firm, brittle, with iron stains, dry, no odor, (ML). | | | 8:35, PID (SOIL) = .1 PPMV |
| 35 | | | SILT 2.5Y 6/4, no plasticity, well compacted, very firm, with abundant voids, filled with organic material, iron stains, dry, no odor, (ML). | | -20- | 8:50, PID (SOIL) = .1 PPMV |
| | | | SANDY SILT 2.5Y 3/4, no plasticity, semi compacted, semi-firm, brittle, with iron stains; fine sand, quartz and mafics, dry, no odor, (ML). | | | 9:05, PID (SOIL) = .5 PPMV |
| 40 | 23B0605 | | SILT 2.5Y 6/4, no plasticity, well compacted, firm, brittle, abundant voids, filled with organic material, abundant iron stains, dry, no odor, (ML). | | -15- | 9:20, PID (SOIL) = 0 PPMV |
| | | | SILT 2.5Y 6/4, no plasticity, compacted, firm, brittle, with organic material and iron stains, dry, no odor, (ML). | | -10- | 9:40, PID (SOIL) = 0 PPMV |

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| | 23B0606 | | <u>SAND 2.5Y 5/6</u> , fine grained, loose to compacted, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | 9:50, PID (SOIL) = .2 PPMV |
| | 23B0607 | | <u>SAND 2.5Y 5/6</u> , fine to medium grained, loose, poorly graded, quartz, mafics, mica and metamorphics, iron stains, dry, no odor, (SP). | | | 10:30, PID (SOIL) = 1 PPMV, PID (SOIL GAS) = 1.5 PPMV |
| 50 | | 23B0604 | <u>SANDY SILT 2.5Y 6/8</u> , no plasticity, compacted, firm, brittle, with iron stains; fine sand, quartz and mafics, dry, no odor, (ML) | | -5- | 10:40, PID (SOIL) = 0 PPMV |
| | | | <u>SILT 5Y 5/4</u> , no plasticity, compacted, firm, brittle, with abundant organic material and iron stains, dry, no odor, (ML). | | | 10:45, PID (SOIL) = 0 PPMV |
| 55 | | | No recovery. | | -0- | |
| | | | <u>SILTY SAND 5Y 5/6</u> , no plasticity, compacted, firm, with iron stains; moderate amount of fine sand, quartz and mafics, dry, no odor, (ML). | | | 11:05, PID (SOIL) = 0 PPMV |
| | | | <u>SILT 2.5Y 5/6</u> , no plasticity, firm, compacted, brittle, with abundant iron stains and organic material, dry, no odor, (ML). | | | 11:15, PID (SOIL) = 0 PPMV |
| 60 | | | No recovery. | | -5- | |
| | | | <u>SAND 10YR 5/8</u> , fine grained, loose, poorly graded, quartz, mafics, mica and metamorphics, iron stains, dry, no odor, (SP). | | | 12:45, PID (SOIL) = 0 PPMV |
| | | | <u>SILT 2.5Y 5/6</u> , no plasticity, compacted, firm, iron stains, dry, no odor, (ML). | | | 13:00, PID (SOIL) = 0 PPMV |
| 65 | | | <u>SANDY SILT & SILTY SAND 2.5Y 5/3</u> , interbeds (approx .5"), no plasticity, firm, compacted, brittle, abundant iron stains, minor voids; fine sand, loose, compacted, quartz and mafics sands, dry, no odor, (ML/SM). | | -10- | 13:10, PID (SOIL) = 0 PPMV |
| | 23B0608 | | <u>SAND 2.5Y 5/3</u> , no plasticity, loose, poorly graded, quartz, mafics, mica and metamorphics, iron stains, dry, no odor, (SP). | | | 13:30, PID (SOIL) = 5 PPMV |
| 70 | | 23D0605 | <u>SILT 2.5Y 5/4</u> , no plasticity, compact, firm, brittle, with minor amount of organic material, dry, no odor, (ML). | | -15- | PID (SOIL GAS) = .5 PPMV |

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|----------------------------|
| | | | | | | 14:15, PID (SOIL) = 0 PPMV |
| 75 | | | No recovery. | | -20- | 14:25, PID (SOIL) = 0 PPMV |
| | | | <u>SILT</u> 2.5Y 5/4, no plasticity, compact, firm, brittle, abundant organic material, dry, no odor, (ML). | | | PID (SOIL) = 0 PPMV |
| 80 | | | <u>TOTAL DEPTH</u> | | -25- | 14:40, PID (SOIL) = 0 PPMV |
| 85 | | | | | -30- | |

LOG OF DRILLING OPERATIONS

| | | | | | |
|--|---|-------------|----------------|--------------------------|------------------|
| PROJECT | Operable Unit B Soil Gas Validation Study | | LOCATION | McClellan Air Force Base | |
| TOTAL DEPTH | 80.00 | START DATE | 9/24/90 | FINISH DATE | 9/26/90 |
| GEOLOGIST | Mike Thomas | APPROVED BY | Thomas F. Cuby | | CALIF R.G.# 4473 |
| DRILLING COMPANY | Water Development Co. | | DRILLER | Morris Petersen | |
| DRILLING METHOD | Hollow-Stem Auger, 3.75" ID | | EQUIPMENT | Mobilite B53 | |
| DRILL BIT TYPE AND SIZE | 8" drag bit, 2.5" Modified CA Sampler, MOSS setup | | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | Site 24, Adjacent to Probe 24P08 | | | | |

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|--|
| 0 | | | <u>BLACKTOP SURFACE</u> | | 64.00 | |
| | | | | | | Start 9/24/90. |
| | | | <u>GRAVELLY SILT</u> no plasticity, wood chips; gravel (1" - 6"), subrounded, fill material in general, dry, no odor, (ML). | | -60- | PID (Breathing Zone [BZ]) = 0.3 PPMV |
| 5 | | | No recovery from sampler, cutting indicated silty gravels (2" - 6"), angular with fill material (wood, nails). | | | |
| | | | <u>SILT</u> no plasticity, loose, quartz, mafics; gravel (2" - 6"), subrounded to rounded, dry, no odor, (ML). | | -55- | PID (SOIL GAS) = .1 PPMV |
| 10 | 24B0101 | 24D0101 | <u>SILT</u> no plasticity, loose, quartz, mafics; gravel (2" - 6"), fill material (wood, nails, cement, etc), (ML). | | | 13:30, PID (BZ) = .1 PPMV, PID (SOIL) = 3.8 PPMV |
| | | | No recovery. | | | PID (SOIL) = .9 PPMV |
| | | | <u>SILT</u> no plasticity, loose, with abundant wood, wire, metal and gravel (2" - 6"), (ML). | | -50- | PID (HOLE) = 5.7 PPMV |
| 15 | 24B0102 | | <u>SILT</u> no plasticity, loose, with abundant wood, wire, metal and gravel (2" - 6"), (ML). | | | 14:05, PID (SOIL) = 40 PPMV |
| | | | No recovery from sampler, fill material, gravel, silt, nails and metal. | | -45- | PID (SOIL GAS) = 64 PPMV |
| 20 | | 24D0102 | | | | |

****NOTES****
PID = Photoionization Detector
ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

| PROJECT | | | Operable Unit B Soil Gas Validation Study | | LOCATION | | McClellan Air Force Base | |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|--------------------------|--|
| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES | | |
| 20 | | | No recovery. | | | 15:00, PID (SOIL) = 107 PPMV | | |
| | | 24D0103 | SAND 7.5YR 5/0, fine to medium grained, loose, poorly graded, quartz, feldspar, mafics, dry, no odor, (SP). | | | 15:20, PID (HOLE) = 17 PPMV, PID (BZ) = 3 PPMV, PID (SOIL) = 155 PPMV | | |
| | 24B0103 | | | | -40- | PID (SOIL GAS) = 102 PPMV | | |
| | 24B0104 | | | | | 15:40, PID (SOIL) = 216 PPMV | | |
| 25 | | | No recovery. | | | PID (SOIL) = 200 PPMV | | |
| | | | | | | 26'- 35', moss system, 9' with 3' of recovery. | | |
| | | | SAND 5Y 5/2, fine grained, loose, poorly graded, subrounded to subangular, quartz, mafics, feldspar, mica, dry, no odor, (SP). | | | PID (SOIL) = 171 PPMV | | |
| | | | No recovery. | | -35- | End 9/24/90, Start 9/25/90. | | |
| | | | SILTY CLAY 5Y 5/2, low plasticity, compacted, dense, dry, faint odor, (CL). | | | PID (SOIL) = 15 PPMV | | |
| | | | No recovery. | | | | | |
| | | | SILTY CLAY 5Y 5/2, low plasticity, compacted, dense, silt, quartz, mafics, dry, faint odor, loose, (CL). | | -30- | PID (SOIL) = 4 PPMV | | |
| 35 | | | SANDY SILT 5Y 4/4, no plasticity, loose, quartz, mafics, mica, with abundant iron stains, dry, very faint odor, (ML). | | | PID (SOIL) = 8-10 PPMV | | |
| | | | No recovery. | | | | | |
| | | 24D0104 | SAND 5Y 4/3, fine grained, loose, quartz, feldspar, mafics, mica, dry, no odor, (SP). | | | PID (SOIL GAS) = 130 PPMV | | |
| | | | SILT 5Y 5/3, no plasticity, compacted, firm, iron stains, dry, no odor, (ML). | | -25- | | | |
| | | | SILTY SAND 2.5Y 5/4, fine grained, loose, qtz, feld, mafic, dry, no odor, (SM). | | | | | |
| | 24B0105 | | SILT 2.5Y 5/6, no plasticity, firm, compacted, iron stains, carbonaceous, dry, faint odor, (ML). | | | 10:30, PID (SOIL) = 2.5 PPMV | | |
| | | | No recovery. | | | | | |
| | | | SILT 2.5Y 5/6, no plasticity, firm, compacted, with iron stains, dry, no odor, (ML). | | | | | |
| | | 24D0105 | SILT 2.5Y 6/6, no plasticity, firm, compacted, with iron stains, dry, no odor, (ML). | | -20- | PID (SOIL) = 1-3 PPMV | | |
| 45 | | | | | | PID (SOIL GAS) = 3 PPMV | | |

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---|
| | | | <u>SILT 2.5Y 3/6, no plasticity, firm, compacted, iron stains, carbonaceous material, dry, no odor, (ML)</u> | | | PID (SOIL)=0-1 PPMV |
| | | | No recovery. | | -15- | PID (SOIL)=0-1 PPMV |
| 50 | | | <u>CLAY 10YR 5/6, moderate plasticity, dense, dry, no odor, (CL).</u> | | | |
| | | | No recovery. | | | |
| | | | <u>SILT 2.5Y 3/6, no plasticity, firm, compacted, iron stains, carbonaceous, dry, no odor, (ML).</u> | | -10- | PID (SOIL)=1-3 PPMV |
| 55 | | | <u>SILT 2.5Y 3/6, no plasticity, firm, compacted, iron stains, dry, no odor, (ML).</u> | | | PID (SOIL)=0-1 PPMV |
| | 24D0106 | | No recovery (moss). | | | PID (SOIL GAS)=117 PPMV |
| | | | | | -5- | STOP 9/25/90, START 9/26/90 08:10, PID (SOIL)=12 PPMV Sampler free fell to bottom (winch bled off). |
| 60 | | | <u>SILT 2.5Y 3/6, no plasticity, firm, compacted, brittle, carbonaceous, dry, no odor, (ML).</u> | | | 09:20, PID (SOIL)=1-2 PPMV |
| | | | <u>SANDY SILT 2.5Y 5/4, no plasticity, firm, semi-compacted; sand, quartz and mafics, feldspar, dry, no odor, (ML).</u> | | | 09:35, PID (SOIL)=10 PPMV |
| | 24B0106 | | <u>SANDY SILT 2.5Y 6/4, no plasticity, semi-compacted, semi-firm; sand, loose quartz, feldspar, mafics, mica, dry, no odor, (ML).</u> | | -0- | 09:45, PID (SOIL)=70 PPMV |
| 65 | | | <u>SILT 5Y 6/4, no plasticity, firm, compacted, carbonaceous, iron stains, trace fine quartz, feldspar, mafics, dry, no odor, (ML).</u> | | | 10:00, PID (SOIL)=1-3 PPMV |
| | | | <u>SILT 2.5Y 6/4, no plasticity, firm, compacted, brittle, carbonaceous, iron stained, dry, no odor, (ML).</u> | | | 10:50, PID (SOIL)=2-12 PPMV |
| | 24D0107 | | <u>SANDY SILT 2.5Y 5/4, no plasticity, semi compacted, semi-firm, fine sand, loose quartz, mafics and mica, dry, faint odor, (ML).</u> | | | PID (SOIL GAS)=13 PPMV |
| | | | No recovery (drilled 69" - 70"). | | -5- | PID (SOIL)=12 PPMV Moss system used. |
| 70 | | | <u>SILT 2.5Y 7/2, no plasticity, firm, compacted, brittle, iron stains, dry, no odor, (ML).</u> | | | 11:15, PID (SOIL)=43 PPMV |
| | | | | | | 11:45, PID (SOIL)=33 PPMV |
| | | | | | | 13:00, PID (SOIL)=2-5 PPMV |
| | | | | | | 13:15, PID (SOIL)=15 PPMV |

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|--|
| 75 | | | <u>SAND</u> 10YR 5/6, fine grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). No recovery (drilled 71.5' - 73'). <u>SILTY SAND</u> 2.5Y 6/2, fine grained, loose, poorly graded, quartz, mafics, feldspar, mica, with firm compacted silt, dry, no odor, (SM). No recovery (drilled 74' - 75'). | | -10- | 15:25, PID (SOIL) = 51 PPMV |
| 75 | | | <u>SAND</u> 10YR 6/8, fine to medium grained, loose, poorly graded, quartz, mafics, mica, minor amount of loose silt, dry, no odor, (SP). No recovery (drilled 76' - 78'). | | | 13:35, PID (SOIL) = 24 PPMV, PID (HOLE) = 77 PPMV, PID (BZ) = 1-2 PPMV |
| 80 | | 24D0108 | <u>SAND</u> 10YR 5/6, fine grained, loose, poorly graded, quartz, mafics, mica, dry, no odor, (SP). <u>TOTAL DEPTH</u> | | -15- | Drilled 15:25, PID (SOIL) = 20 PPMV, PID (SOIL GAS) = 150 PPMV |
| 85 | | | | | -20- | |

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base
 TOTAL DEPTH 79.50 START DATE 9/27/90 FINISH DATE 9/28/90
 GEOLOGIST Mike Thomas APPROVED BY Thomas F. Cudde CALIF R.G.# 4473
 DRILLING COMPANY Water Development Co. DRILLER Morris Peterson
 DRILLING METHOD Hollow-Stem Auger, 3.75" ID EQUIPMENT Mobile B53
 DRILL BIT TYPE AND SIZE 8" drag bit, 2.5" Modified CA Sampler, MOSS setup
 BORING LOCATION (ST. ADDRESS OR DESCRIPTION) Site 24, Adjacent to Probe 24P11.

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---|
| 0 | | | <u>BLACKTOP SURFACE</u> | | 64.00 | |
| | | | No recovery. | | | |
| 5 | | | <u>SANDY SILT 10YR 5/4, low plasticity, loose, quartz, mafics; bottom 2" cemented sand, quartz and mafic, dry, no odor, (ML).</u> | | -60- | 11:55, PID (SOIL) = 1-2 PPMV |
| | | | No recovery. | | | |
| 10 | 24B0201 | 24D0201 | <u>SILTY SAND 2.5Y 6/4, fine to medium grained, loose, poorly graded, quartz, mafics, mica; firm, compacted silt, dry, no odor, (SM)</u> | | -55- | 12:10, PID (SOIL) = 1-2 PPMV, PID (SOIL GAS) = 8 PPMV |
| | | | <u>SAND 2.5Y 5/4, fine grained, loose, poorly graded, iron stained, quartz, mafics, mica, dry, no odor, (SP).</u> | | | 13:00, PID (SOIL) = 0-1 PPMV |
| | | | <u>SILT 2.5Y 6/2, firm, compacted, iron stains, dry, no odor, (ML).</u> | | | 13:20, PID (SOIL) = 0-1 PPMV |
| | | | <u>SILT 5Y 6/2, no plasticity, firm, well compacted, iron stained, numerous voids and tubes lined with carbonaceous material, dry, no odor, (ML).</u> | | -50- | PID (SOIL) = 0-1 PPMV |
| | | | | | | PID (SOIL) = 0-1 PPMV |
| 15 | 24B0202 | | <u>SILT 5Y 6/2, no plasticity, firm, well compacted, iron stained, numerous voids and tubes lined with carbonaceous material, dry, no odor, (ML).</u> | | | 14:30, PID (SOIL) = 0-1 PPMV |
| | | | <u>SAND 10YR 5/8, fine grained, loose, poorly graded, quartz, mafics, mica, iron stains, (SP).</u> | | | 15:15, PID (SOIL) = 0 PPMV, PID (SOIL GAS) = 2 PPMV |
| | | 24D0202 | <u>SILT 5Y 6/2, no plasticity, firm, compacted, iron stains, voids with carbonaceous material,</u> | | -45- | |

****NOTES****

PID = Photoionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| 20 | | | dry, no odor, (ML). No recovery. | | | |
| | | | SANDY SILT 10YR 5/6, no plasticity, firm, compacted with voids and carbonaceous material, iron stains; thin fine laminae of sand, quartz, mafics and mica, dry, no odor, (ML). | | | PID (SOIL) = 0-5 PPMV |
| | | | SANDY SILT 10YR 5/6, no plasticity, compacted, firm, brittle, iron stains, very carbonaceous, abundant tiny voids; sand, fine grained, quartz, mica and mafic, dry, no odor, (ML). | | -40- | 15:40, PID (SOIL) = 63 PPMV |
| 25 | | | SANDY SILT TO SILTY SAND 10YR 4/6, no plasticity, firm, compacted, brittle, iron stains, slightly carbonaceous; sand, fine grained, loose to slightly compacted, quartz, mafics, mica, dry, no odor, (ML/SM). | | | 15:50, PID (SOIL) = 0 PPMV |
| | | | SAND 10YR 4/6, fine grained, loose, poorly graded, quartz, mafics, mica; silt, no plasticity, firm, semi compacted, dry, cement chips, faint odor, (SP). | | | 16:00, PID (SOIL) = 134 PPMV |
| 24B0203 | | | | | | |
| | | | SAND SILT INTERBEDS 10YR 4/6, silt, no plasticity, firm, compacted, brittle, carbonaceous; sand, fine grained, loose, quartz, mafics, mica, dry, no odor, (ML/SP). | | -35- | PID (SOIL GAS) = 2 PPMV |
| 30 | | 24D0203 | | | | |
| | | | SILT 2.5Y 7/4, no plasticity, very firm, well compacted, with abundant voids and tubes filled with organic material, dry, no odor, (ML). | | | 16:30, PID (SOIL) = 1-4 PPMV |
| | | | SILT 2.5Y 7/4, no plasticity, very firm, well compacted, with abundant voids and tubes filled with organic material, dry, no odor, (ML). | | -30- | 16:40, PID (SOIL) = 0-1 PPMV STOP 09/27/90, START 9/28/90. |
| 35 | | | | | | |
| | | | SANDY SILT 2.5Y 5/6, fine grained, loose, quartz, mafics; silt, firm, compacted, dry, no odor, (SM). | | | 7:30, PID (SOIL) = 0-5 PPMV |
| | | | SAND 2.5Y 4/4, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | 7:40, PID (SOIL) = 0-5 PPMV |
| | | | No recovery. | | -25- | |
| 40 | | | | | | |
| | | | SAND 2.5Y 4/4, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | -20- | 7:55, PID (SOIL) = 0-5 PPMV |
| 45 | | | | | | |

LOG OF DRILLING OPERATIONS

PROJECT **Operable Unit B Soil Gas Validation Study** LOCATION **McClellan Air Force Base**

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|---|
| | | | No recovery. | | | PID (SOIL) = 0.5 PPMV |
| | | | | | | No recovery due to using the wrong shoe |
| | | | | | -15- | |
| 50 | | | <u>SILTY SAND</u> 10YR 5/8, fine grained, loose to slightly compacted, poorly graded, quartz, mafics and mica; silt, firm, compacted, dry, no odor, (SM). | | | 9:20, PID (SOIL) = 7 PPMV |
| | 24B0204 | | <u>SAND</u> 10YR 4/6, fine grained, loose to slightly compacted, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | 10:10, PID (SOIL) = 18 PPMV |
| | | 24D0204 | | | -10- | PID (SOIL GAS) = 8 PPMV |
| 55 | | | <u>SAND</u> 10YR 4/6, fine grained, loose to slightly compacted, poorly graded, quartz, mafics, and mica, iron stains; minor amount of silt, slightly compacted, semi firm, dry, no odor, (SP). | | | 10:20, PID (SOIL) = 1-3 PPMV |
| | | | <u>SAND</u> 10YR 4/6, fine grained, loose to slightly compacted, poorly graded, quartz, mafics and mica, iron stains; more thin laminae of firm, compacted silt, dry, no odor, (SP). | | | 10:30, PID (SOIL) = 2-3 PPMV |
| | | | No recovery. | | -5- | |
| 60 | | | <u>SAND</u> 10YR 3/4, fine to medium grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | 10:45, PID (SOIL) = 1-2 PPMV |
| | | | No recovery. | | | |
| | | | <u>SAND</u> 10YR 3/4, fine to medium grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | -0- | |
| 65 | | | <u>SILT</u> 5Y 5/4, no plasticity, firm, well compacted, brittle, iron stained, carbonaceous material, dry, no odor, (ML). | | | 11:10, PID (SOIL) = 0-1 PPMV |
| | | | | | | 12:25, PID (SOIL) = 1-2 PPMV |
| | | | <u>SILT</u> 5Y 5/4, no plasticity, firm, well compacted, brittle, with abundant voids and tubes filled with organic material, some calcite, iron stains, dry, no odor, (ML). | | | |
| | | | | | -5- | 12:35, PID (SOIL) = 2-3 PPMV |
| 70 | | | <u>SILT</u> 5Y 7/3, no plasticity, firm, well compacted, brittle; thin laminae (approx. 1"), fine sand, quartz and mafics, dry, no odor, (ML). | | | 13:05, PID (SOIL) = 2-3 PPMV |

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|-----------------------------|
| | | | <u>SILT</u> 5Y 7/3, no plasticity, firm, well compacted, brittle, voids filled with organic material, thin laminae of coarse sand, quartz, mafics and mica, dry, no odor, (ML). | | | 13:20, PID (SOIL) = 4 PPMV |
| 75 | | | <u>SILT</u> 5Y 7/3, no plasticity, firm, well compacted, brittle with voids filled with organics, (ML). | | -10- | 13:35, PID (SOIL) = 14 PPMV |
| | | | <u>SAND</u> 10YR 3/4, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | PID (SOIL GAS) = 13 PPMV |
| | 24B0205 | 24D0205 | <u>SILT</u> 5Y 7/3, no plasticity, firm, well compacted, brittle, voids filled with organic material, (ML). | | | 14:20, PID (SOIL) = 10 PPMV |
| | | | <u>SAND</u> 10YR 5/6, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | |
| 80 | | | <u>TOTAL DEPTH</u> | | -15- | |
| 85 | | | | | -20- | |

LOG OF DRILLING OPERATIONS

| | | | |
|---|--|--|--|
| PROJECT <u>Operable Unit B Soil Gas Validation Study</u> | | LOCATION <u>McClellan Air Force Base</u> | |
| TOTAL DEPTH <u>79.50</u> | START DATE <u>10/1/90</u> | FINISH DATE <u>10/2/90</u> | |
| GEOLOGIST <u>Mike Thomas</u> | APPROVED BY <u>Thomas F. Cuddeback</u> | CALIF R.G.# <u>4473</u> | |
| DRILLING COMPANY <u>Water Development Co.</u> | DRILLER <u>Morris Peterson</u> | | |
| DRILLING METHOD <u>Hollow-Stem Auger, 3.75" ID</u> | EQUIPMENT <u>Mobile B53</u> | | |
| DRILL BIT TYPE AND SIZE <u>8" drag bit, 2.5" Modified CA Sampler, MOSS setup</u> | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) <u>Site 24, Adjacent to Probe 24P17.</u> | | | |

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| 0 | | | <u>BLACKTOP SURFACE</u> | | 65.00 | |
| | | | <u>SILT 2.5Y 4/4, no plasticity, compacted, firm, gravel (2cm-3cm), angular, dry, no odor, (ML/FILL).</u> | | | 9:10, PID (SOIL)=0 PPMV |
| 5 | 24B0301 | | <u>SILT 2.5Y 6/6, low plasticity when wet, loose, quartz, mafics; gravel (1-2cm), angular, (ML).</u> | | -60- | 9:20, PID (SOIL)=3 PPMV |
| | | | No recovery. | | | 9:35, PID (SOIL)=0 PPMV |
| 10 | | 24D0301 | <u>SILT 2.5Y 6/6, low plasticity when wet, loose, quartz, mafics; gravel (1-5cm), angular, metallic debris, dry, no odor, (ML).</u> | | -55- | 10:15, PID (SOIL)=.1 PPMV |
| | | | No recovery. | | | |
| 15 | 24B0302 | | <u>SILT 2.5Y 6/6, low plasticity when wet, loose, quartz, mafics with gravel (1-5cm), angular, metal, wood and plastic debris, dry, no odor, (ML).</u> | | | 10:30, PID (SOIL)=.1 PPMV |
| | | | No recovery. | | | |
| | | | <u>SANDY SILT 2.5Y 2/0, low plasticity when wet, quartz, mafics; gravel (2-3cm), angular and sand, fine, loose, quartz, mafics, wood, metal wire and plastic debris, black stains, moist, no odor, (SM).</u> | | -50- | 10:45, PID (SOIL)=7 PPMV, moved 4' north due to a dog-leg in hole |
| | | | No recovery. | | | PID (SOIL)=3.8 PPMV |
| | | 24D0302 | <u>SILT black, no plasticity, slightly compacted, with wood, metal, wire, foam, nails and gravel debris, (ML).</u> | | | |
| 20 | | | No recovery. | | | 14:45, PID (SOIL)=1.4 PPMV |












****NOTES****

PID = Photoionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|---|--------------------|--|
| 20 | | | | | | Between 19'- 21.5', cut into native soil. |
| | | | CLAYEY SILT 2.5Y 6/8, stn blk, mod petro odor, native material, (ML). No recovery. |  | | 14:55, PID (SOIL) = 3.8 PPMV |
| | | | SILT 2.5Y 5/6, low plasticity, when wet, loose, quartz, mafics, dry, faint odor, (ML). |  | | PID (HOLE) = 27 PPMV PID (Breathing Zone [BZ]) = 1 PPMV |
| 25 | | 24D0303 | | | -40- | 15:25, PID (SOIL) = 10 PPMV |
| | | | SILTY SAND 2.5Y 6/8, fine grained, loose, poorly graded, quartz, mafics and mica; silt, low plasticity when wet, loose, dry, no odor, (SM). |  | | 16:15, PID (SOIL) = 4.5 PPMV |
| | | | No recovery. | | | 16:20, PID (SOIL) = 2 PPMV |
| 30 | | | SAND 2.5Y 5/6, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). |  | -35- | |
| | | | SILT 2.5Y 6/4, no plasticity, slightly compacted, semi-firm, iron stains, dry, no odor, (ML). |  | | 16:40, PID (SOIL) = 0-1 PPMV |
| | 24B0303 | | SAND 2.5Y 6/6, fine grained, loose, poorly graded, quartz, mafics and mica, iron stains, dry, no odor, (SP). |  | | STOP 10/01/90, START 10/02/90. 08:00, PID (SOIL) = 4 PPMV |
| 35 | | | No recovery. | | -30- | |
| | | | SILTY SAND 2.5Y 6/6, fine grained, loose, prly grdd, qtz, mafics and mica, silt, no plas, firm, compacted, iron stns, dry, no odor, (SM). |  | | 8:15, PID (SOIL) = 0 PPMV |
| 40 | | | SAND 2.5Y 6/4, fine to medium grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). |  | -25- | |
| | | | SILT 5Y 6/4, no plasticity, firm, well compacted, with numerous tiny voids filled with organic material, iron stains, dry, no odor, (ML). |  | | 8:30, PID (SOIL) = 1 PPMV |
| | 24B0304 | | SANDY SILT 2.5Y 5/6, no plasticity, firm, compacted, brittle, iron stains; sand, fine grained, loose, quartz, mafics and mica, dry, no odor, (ML). |  | | PID (SOIL) = 7 PPMV 8:45, PID (SOIL) = 10 PPMV |
| 45 | | | SILT 10YR 4/6, no plasticity, very firm, compacted, brittle, with numerous voids filled with organic material, iron stains, dry, no odor, (ML). |  | -20- | |

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| | | 24D0304 | | | | 9:40, PID (SOIL)=0 PPMV, PID (SOIL GAS)=22 PPMV |
| | | | No recovery, ears came unlatched | | | |
| 50 | | | <u>CLAYEY SILT</u> 10YR 4/6, low plasticity when wet, loose, quartz, mafics, mica; clay, moderate plasticity when wet, medium dense, semi-soft, dry, no odor, (ML). | | -15- | 10:10, PID (SOIL)=0 PPMV |
| | | | <u>SAND</u> 10YR 3/6, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | 10:20, PID (SOIL)=0-1 PPMV |
| | | | <u>SILT</u> 2.5Y 5/6, no plasticity, firm, compacted, brittle with iron stains, dry, no odor, (ML). | | | |
| 55 | | | <u>SANDY SILT</u> 10YR 4/6, no plasticity, compacted, firm, brittle; voids filled with organic material, iron stains, moderate amount of sand, fine grained, loose, quartz and mica, dry, no odor, (ML). | | -10- | 10:35, PID (SOIL)=0 PPMV |
| | | | <u>CLAY</u> 10YR 6/3, moderate to high plasticity, dense, firm, moist, no odor, (CL). | | | 10:55, PID (SOIL)=0 PPMV |
| 60 | | | <u>SILT</u> 2.5Y 5/4, no plasticity, well compacted, very firm, numerous voids filled with organic material, iron stained, dry, no odor, (ML). | | -5- | 11:15, PID (SOIL)=0 PPMV |
| | | | <u>SILT</u> 5Y 6/3, no plasticity, well compacted, brittle, firm, iron staining, (ML). | | -0- | 12:40, PID (SOIL)=0 PPMV |
| 65 | | | | | | 12:50, PID (SOIL)=.6 PPMV |
| | 24B0305 | | <u>SAND</u> 10YR 4/6, fine to medium grained, cemented, hard, quartz, mafics and mica, iron stained, dry, no odor, (SP). | | | PID (SOIL GAS)=5 PPMV |
| 70 | | 24D0305 | <u>SAND</u> 10YR 4/6, fine to medium grained, cemented, hard, quartz, mafics and mica sandstone, calcite, iron stains, dry, no odor, (SP). | | -5- | |

LOG OF DRILLING OPERATIONS

PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|--------------------------|
| | | | <u>SAND</u> 10YR 4/6, fine to medium grained, cemented, hard, quartz, mafics and mica, calcite, iron stains: thin laminae (approx .3") of silt, firm, compacted, dry, no odor, (SP). | | | 13:35, PID (SOIL)=0 PPMV |
| 75 | | | <u>SILT</u> 5Y 5/3, no plasticity, well compacted, firm, brittle, abundant iron staining, dry, no odor, (ML). | | -10- | 13:50, PID (SOIL)=0 PPMV |
| | | | <u>INTERBEDDED SAND & SILT</u> (approx .6' between beds) sand, compacted, firm, quartz, mafics and mica, calcite; silt, well compacted, firm, brittle, abundant iron stains, dry, no odor, (SP/ML). | | | 14:15, PID (SOIL)=0 PPMV |
| 80 | | | <u>TOTAL DEPTH</u> | | -15- | 14:20, PID (SOIL)=0 PPMV |
| 85 | | | | | -20- | |

LOG OF DRILLING OPERATIONS

| | | | | | |
|--|---|-------------|-----------------------|--------------------------|------------------|
| PROJECT | Operable Unit B Soil Gas Validation Study | | LOCATION | McClellan Air Force Base | |
| TOTAL DEPTH | 79.50 | START DATE | 10/3/90 | FINISH DATE | 10/4/90 |
| GEOLOGIST | Mike Thomas | APPROVED BY | Thomas F. [Signature] | | CALIF R.G.# 4473 |
| DRILLING COMPANY | Water Development Co. | | DRILLER | Morris Peterson | |
| DRILLING METHOD | Hollow-Stem Auger, 3.75" | | EQUIPMENT | Mobile B53 | |
| DRILL BIT TYPE AND SIZE | 8" drag bit, 2.5" Modified CA Sampler, MOSS setup | | | | |
| BORING LOCATION (ST. ADDRESS OR DESCRIPTION) | Site 24, Adjacent to Probe 24P21. | | | | |

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description Color, Texture, Moisture, etc. | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|---|
| 0 | | | <u>SOIL SURFACE</u> | | 65.00 | |
| | | | <u>SILT</u> 10YR 7/8, no plasticity, loose, quartz, mafics; gravel (2-3cm), angular, dry, no odor, (ML). | | | 10:30 PID (SOIL) = 1 PPMV |
| | | | <u>SILT</u> 10YR 7/8, no plasticity, well compacted, hard; gravel (1-3cm), angular, dry, no odor, (ML). | | | 10:45, PID (SOIL) = 0 - .5 PPMV |
| 5 | | | <u>SAND</u> 7.5YR 4/4, fine to medium grained, compacted (cement), firm to very hard, quartz, mafics, mica, dry, no odor, (SP). | | -60- | |
| | 24B0401 | 24D0401R | | | | 11:00, PID (SOIL) = 0 - .1 PPMV 24D0401 was resampled due to a leak in the tubing. PID (SOIL GAS) = 6 PPMV PID (SOIL GAS) = 7 PPMV 11:20, PID (SOIL) = 8 PPMV |
| 10 | | | <u>SANDY SILT</u> 5Y 6/4, no plasticity, slightly compacted, semi-firm, iron stains; sand, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (ML). | | -55- | |
| | | | <u>SILT</u> 2.5Y 6/4, no plasticity, well compacted, firm, brittle; numerous voids filled with organic material, iron stains, dry, no odor, (ML). | | | 12:20, PID (SOIL) = 1.5 PPMV |
| | | | | | | 12:30, PID (SOIL) = 5 PPMV |
| 15 | | | <u>SILT</u> 2.5Y 6/4, no plasticity, well compacted, firm, brittle; numerous voids filled with organic material, iron stains, dry, no odor, (ML); sand interbed 16.3' - 16.6', fine grained, slightly compacted, semi-firm, quartz, mafics and mica, dry, no odor, (ML). | | -50- | |
| | 24B0402 | 24D0402R | <u>SANDY SILT</u> 2.5Y 5/6, no plasticity, slightly compacted, semi-firm, iron stains; sand interbeds (approx 5"), fine grained, loose, poorly graded quartz, mafics, mica, dry, no odor, (ML). | | | 12:40, PID (SOIL) = 0 - .5 PPMV |
| 20 | | | <u>SAND</u> 2.5Y 3/2, fine to medium grained, | | -45- | |
| | | | | | | 13:00, PID (SOIL) = 4 PPMV 24D0402 was resampled due to a leak in the tubing. |

****NOTES****

PID = Photoionization Detector

ppmv = parts per million per volume

LOG OF DRILLING OPERATIONS

 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|-----------------------------|
| 20 | | | loose, poorly graded, quartz, mafics and mica, dry, no odor, (SP). | | | |
| | | | <u>SILT 2.5Y 6/4</u> , no plasticity, compacted, firm, brittle, iron stains, organic material, dry, no odor, (ML). | | | 13:15, PID (SOIL) = 1 PPMV |
| | | | <u>SILT 2.5Y 5/4</u> , no plasticity, compacted, firm, dry, no odor, (ML). | | | |
| | | | <u>CLAY 2.5Y 5/6</u> , moderate plasticity, dense, semi firm, with thin caliche layer (approx 1"), dry, no odor, (CL). | | | 13:25, PID (SOIL) = 0 PPMV |
| 25 | | | <u>SILT 2.5y 6/4</u> , no plasticity, firm, well compacted, brittle, organic material, iron stains, dry, no odor, (ML). | | -40- | 13:35, PID (SOIL) = 0 PPMV |
| | | | <u>SANDY SILT 2.5Y 5/4</u> , no plasticity, semi-compacted, semi-firm, organic material, iron stains; sand, fine grained, loose, poorly graded, quartz, mafics and mica, dry, no odor, (ML). | | | 13:45, PID (SOIL) = 0 PPMV |
| 30 | | | <u>SAND 10YR 4/6</u> , fine to medium grained, loose, poorly graded, quartz, mafics and mica, iron stain, dry, no odor, (SP). | | -35- | 14:15, PID (SOIL) = 2 PPMV |
| | 24B0403 | 24D0403 | <u>SAND 2.5Y 5/4</u> , fine grained, loose to slightly compacted, poorly graded quartz, mafics and mica, dry, no odor, (SP). | | | 14:25, PID (SOIL) = 1 PPMV |
| | | | <u>SANDY SILT 2.5Y 5/4</u> , no plasticity, slightly compacted, semi-firm, iron stains, no odor, (ML). | | | |
| 35 | | | No recovery. | | -30- | |
| | | | <u>SANDY SILT 2.5Y 5/4</u> , no plasticity, compacted, firm, iron stains, organic material, sand, fine grained, compacted, poorly graded quartz, mafics and mica, dry, no odor, (ML). | | | 14:35, PID (SOIL) = 1 PPMV |
| | | | <u>SAND 10YR 4/4</u> , fine to medium grained, loose, poorly graded, quartz, mafics and mica, minor iron staining, dry, no odor, (SP). | | | 14:45, PID (SOIL) = 1 PPMV |
| 40 | | | <u>SAND 10YR 4/6</u> , fine grained, loose to slightly compacted, poorly graded, quartz, mafics, mica, iron stains, dry, no odor, (SP). | | -25- | |
| | | | <u>SILT 2.5Y 6/4</u> , no plasticity, well compacted, firm, organic material, iron stains, dry, no odor, (ML). | | | 14:55, PID (SOIL) = .5 PPMV |
| | | | <u>SILTY SAND 2.5Y 4/4</u> , fine grained, slightly compacted to loose, poorly graded, iron stains, quartz, mica and mafics, dry, no odor, (SM). | | | 15:05, PID (SOIL) = 0 PPMV |
| 45 | | | No recovery. | | -20- | |

LOG OF DRILLING OPERATIONS

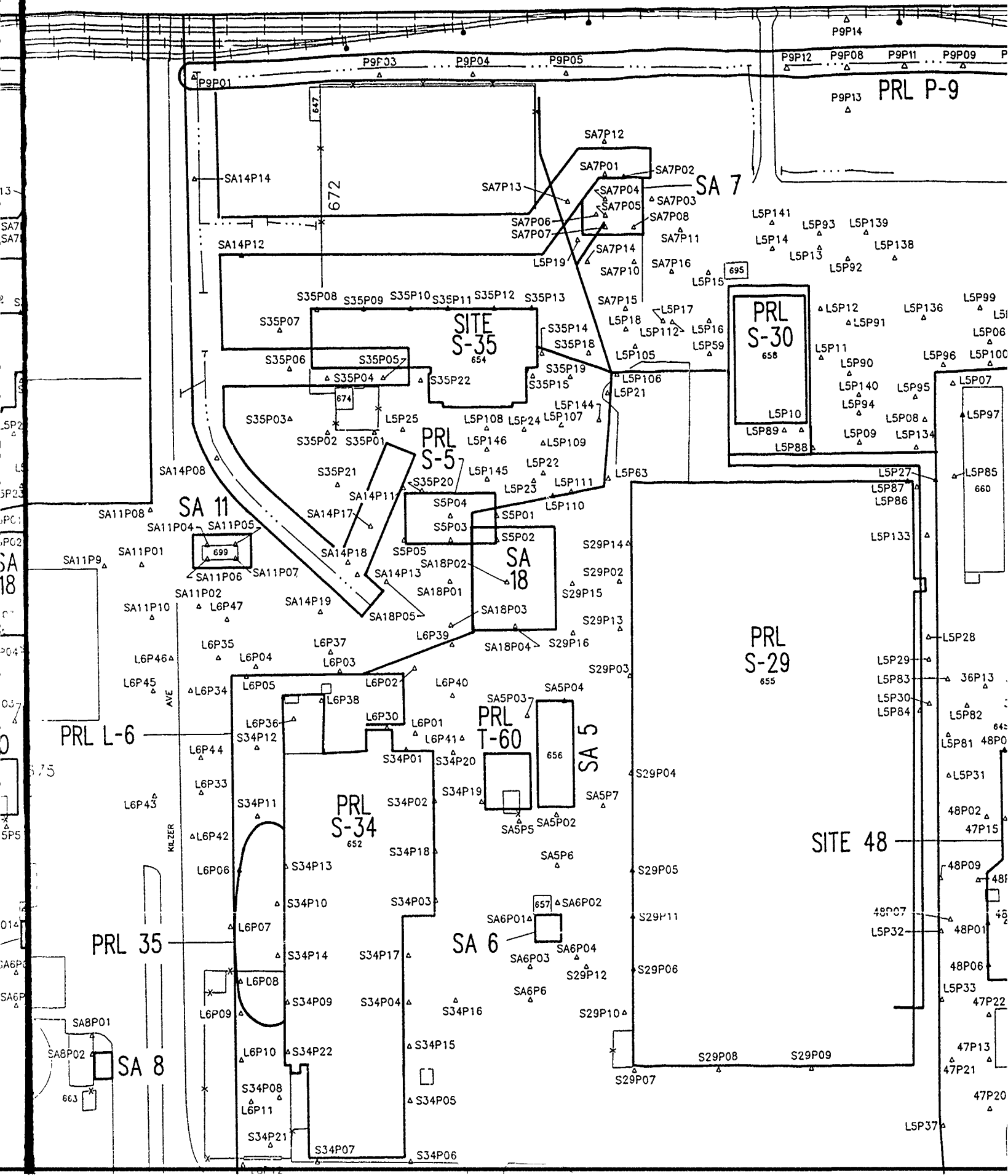
 PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

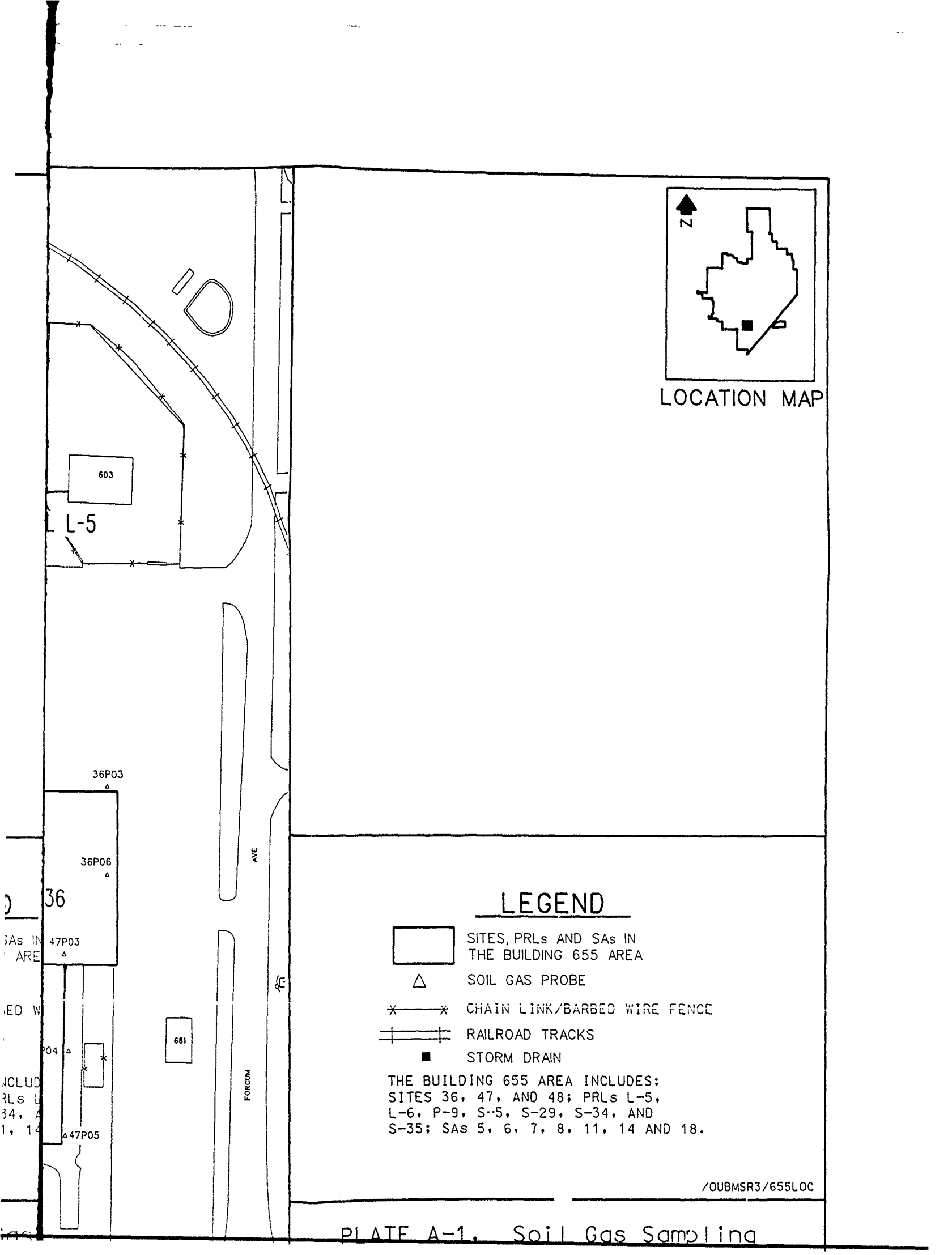
| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|---|-------------|--------------------|--|
| 50 | | | <u>SILTY SAND 2.5Y 4/4</u> , fine grained, slightly compacted to loose, poorly graded, iron stains, quartz, mica and mafics, dry, no odor, (SM). No recovery. | | -15- | 15:25, PID (SOIL)=0 PPMV 15:35, PID (SOILGAS)=0 PPMV |
| 55 | | 24D0404 | <u>SILTY CLAY 2.5Y 4/4</u> , moderate plasticity, soft, slightly sticky; loose silt, quartz, mafics, damp, no odor, (CL). No recovery. | | -10- | 15:45, PID (SOIL)=0 PPMV |
| 60 | | 24B0404 | <u>SANDY SILT 10YR 4/6</u> , no plasticity, compacted, semi-firm; sand, fine grained, loose to slightly compacted, poorly graded, quartz, mafics, dry, no odor, (ML). <u>SILT 10YR 5/6</u> , no plasticity, compacted, firm, brittle, organic material, iron stains, dry, no odor, (ML). <u>SILTY CLAY 10YR 5/6</u> , low to moderate plasticity, medium dense, soft, damp, no odor, (CL). <u>SILT 2.5Y 5/6</u> , no plasticity, firm, compacted, brittle, with numerous voids filled with organic material, iron stained; minor sand, fine grained, loose, quartz and mafics, dry, no odor, (ML). | | -5- | PID (SOIL GAS)=37 PPMV STOP 10/03/90, START 10/04/90. 8:00, PID (SOIL)=4 PPMV 8:15, PID (SOIL)=4 PPMV |
| 65 | | | <u>SANDY CLAY 10YR 6/6</u> , low plasticity, soft with fine sand, mafics, quartz, mica, damp, no odor, (CL). <u>SILT 2.5Y 3/6</u> , no plasticity, well compacted, very firm, with organic material, iron stains, change in color at 66'-67' to 5Y 6/3, dry, no odor, (ML). | | -0- | 8:25, PID (SOIL)=4 PPMV 8:35, PID (SOIL)=4 PPMV |
| 70 | | 24D0405 | <u>SILT 2.5Y 4/4</u> , no plasticity, well compacted, very firm, with iron stains, thin layer (approx .3") of caliche; minor sand, fine grained, loose, poorly graded, quartz, mafics, dry, no odor, (ML). <u>SILT 2.5Y 4/4</u> , no plasticity, well compacted, very firm, with iron stains, thin layers (approx .3") of caliche (slight increase), minor sand, fine grained, loose, poorly graded, quartz, mafics, dry, no odor, (ML). | | -5- | 8:45, PID (SOIL)=1 PPMV 9:15, PID (SOIL)=2 PPMV PID (SOIL GAS)=.5 PPMV |

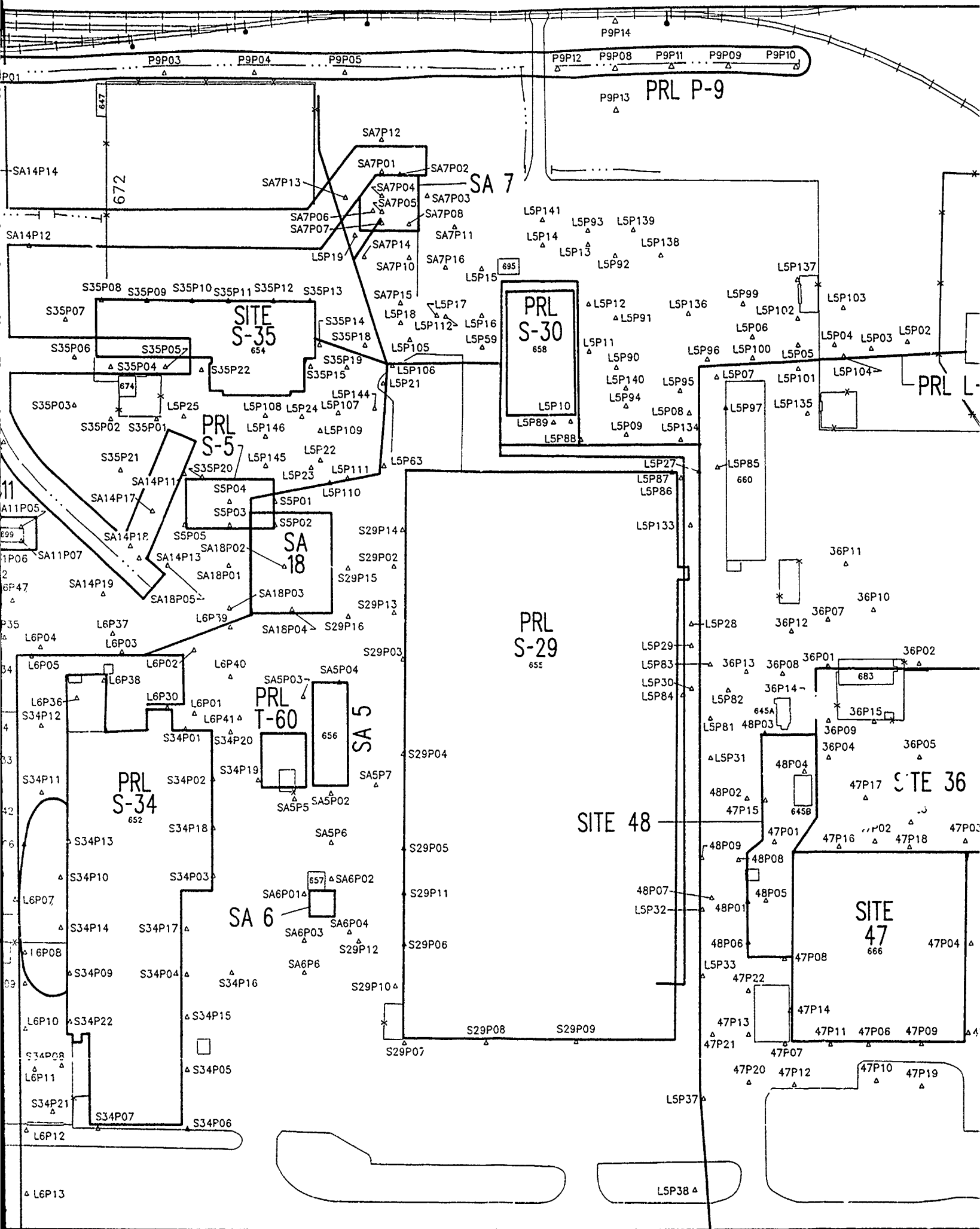
LOG OF DRILLING OPERATIONS

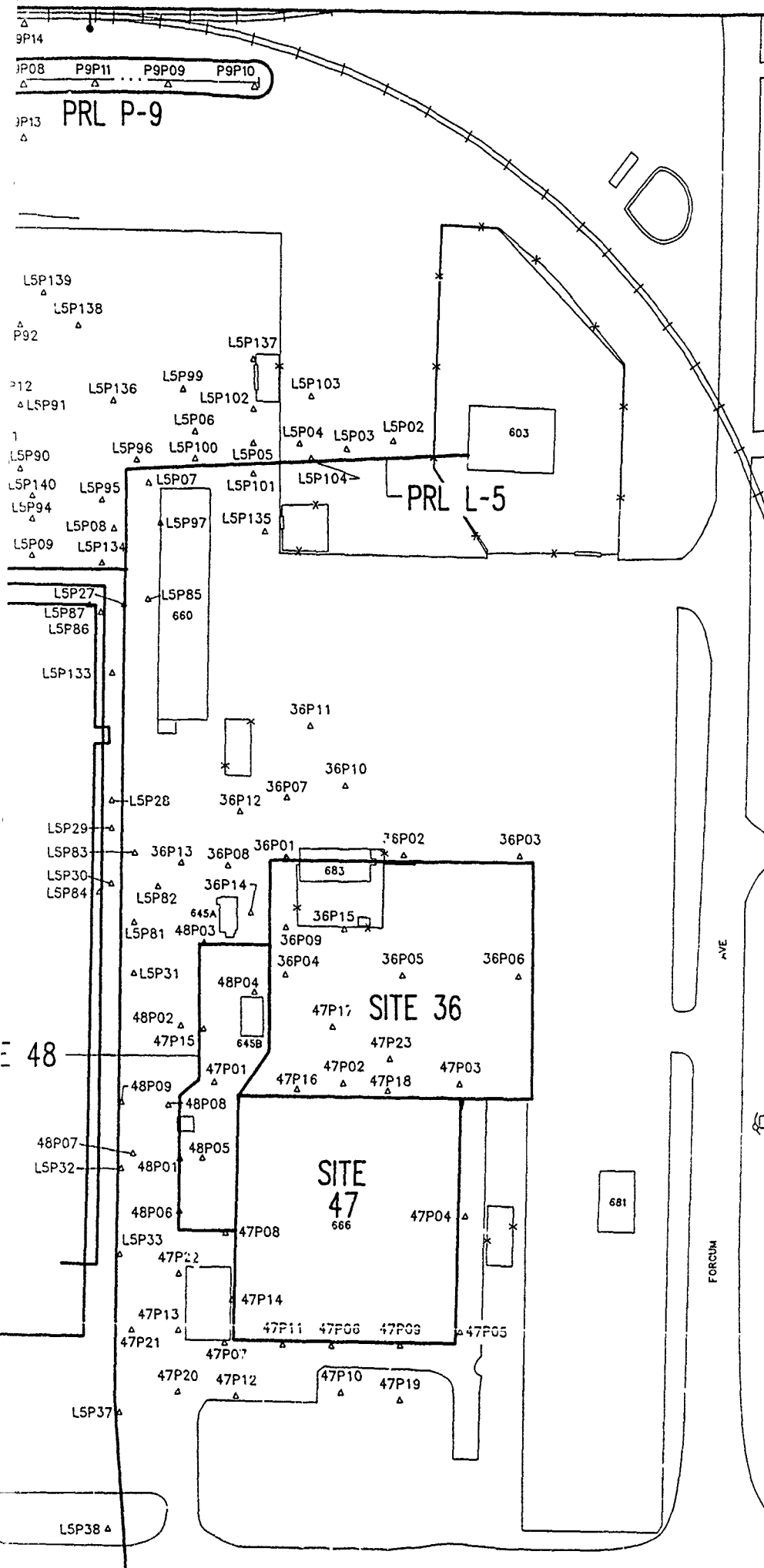
PROJECT Operable Unit B Soil Gas Validation Study LOCATION McClellan Air Force Base

| Depth Below Surface (ft) | Soil Sample Number | Soil Gas Sample Number | Lithologic Description | Graphic Log | Elevation (ft MSL) | LOG NOTES |
|--------------------------|--------------------|------------------------|--|-------------|--------------------|-----------------------------|
| | | | | | | 9:45, PID (SOIL) = 2 PPMV |
| | | | <u>SILT 2.5Y 6/4</u> , no plasticity, well compacted, very firm, organic material and iron staining, minor lenses of sand, fine grained, quartz, mafics and mica sand, dry, no odor, (ML). | | | 10:00, PID (SOIL) = 2 PPMV |
| 75 | 24B0405 | | <u>SANDY SILT 2.5Y 5/6</u> , no plasticity, firm, compacted, iron stained; interbedded sand, fine grained, loose to slightly compacted, quartz, mafics and mica, dry, no odor, (MC/SP). | | -10- | 10:15, PID (SOIL) = 10 PPMV |
| 80 | | | <u>TOTAL DEPTH</u> | | -15- | |
| 85 | | | | | -20- | |









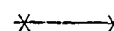
LEGEND



SITES, PRLs AND SAs IN THE BUILDING 655 AREA



SOIL GAS PROBE



CHAIN LINK/BARBED WIRE



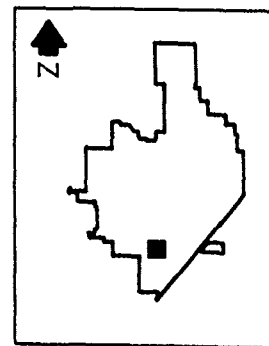
RAILROAD TRACKS



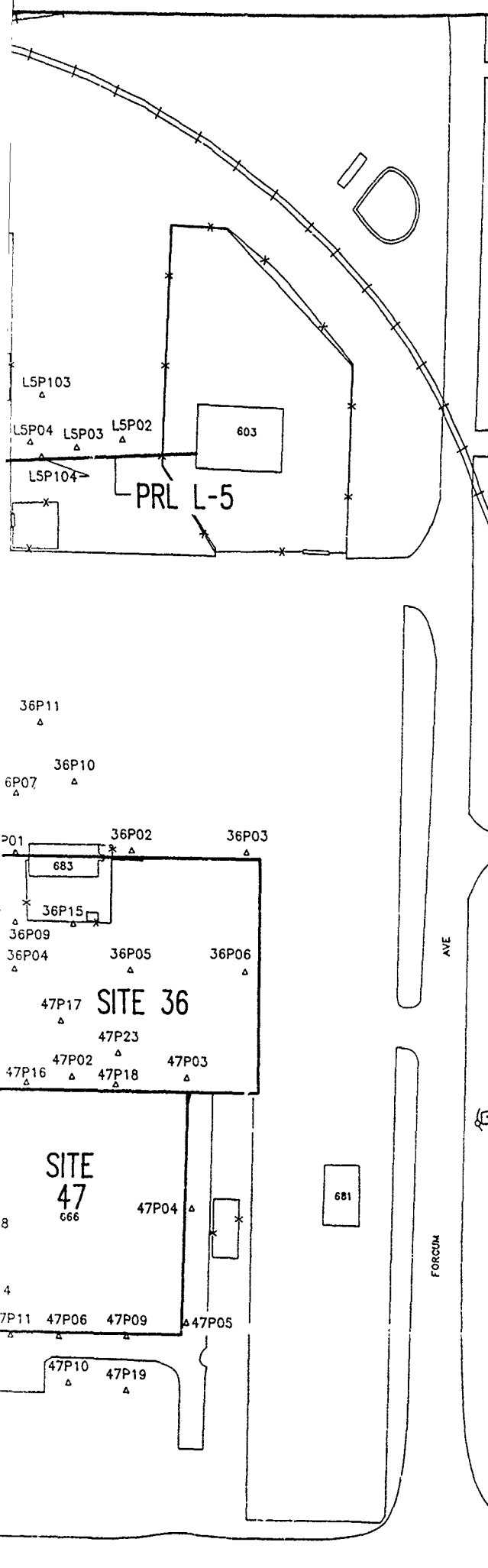
STORM DRAIN

THE BUILDING 655 AREA INCLUDES SITES 36, 47, AND 48; PRLs L-6, P-9, S-5, S-29, S-34, AND S-35; SAs 5, 6, 7, 8, 11, 14



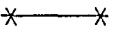
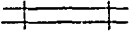

PLATE A-1. Soil Gas Locations at the 655 Area.



LOCATION MAP



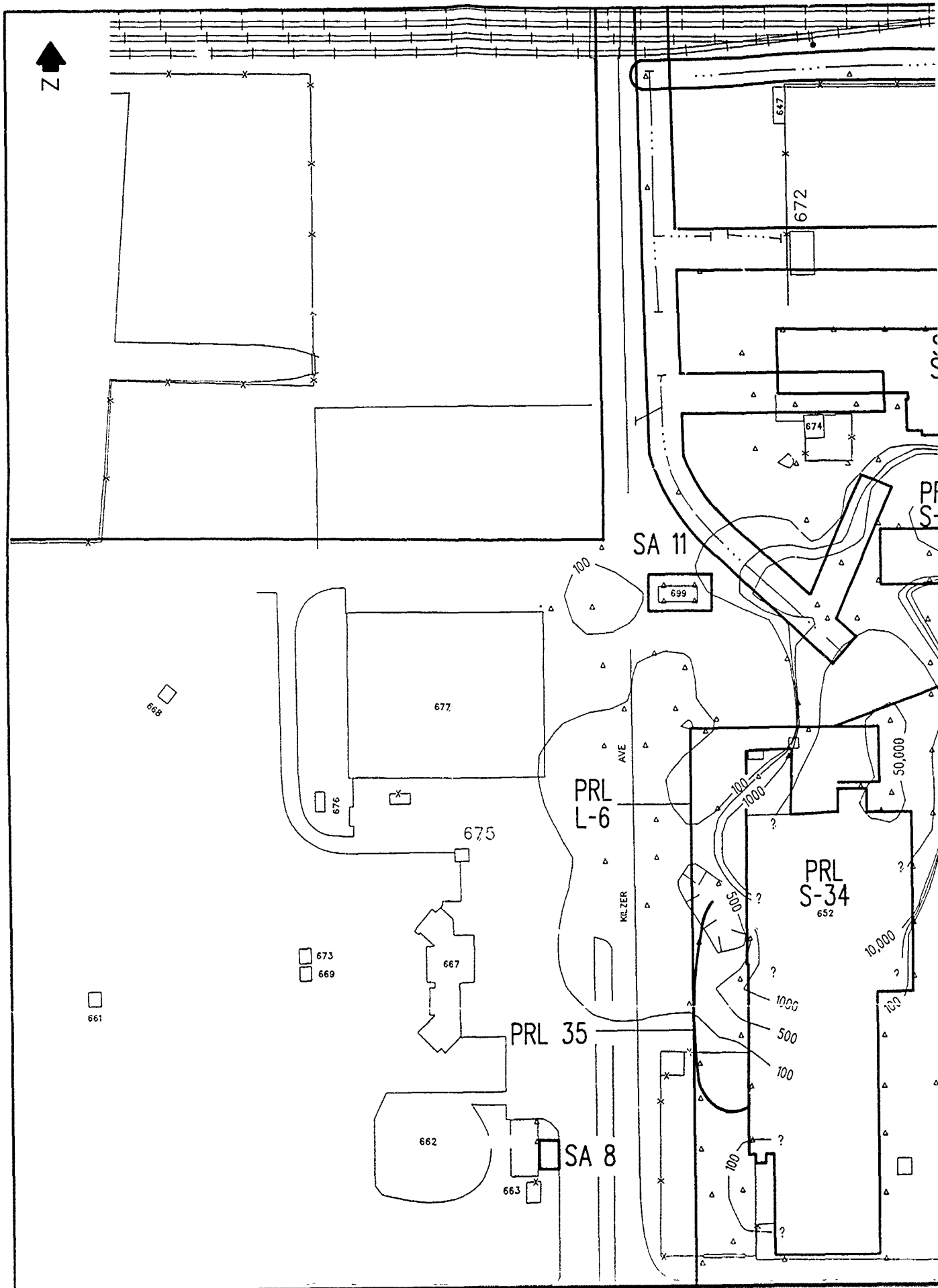
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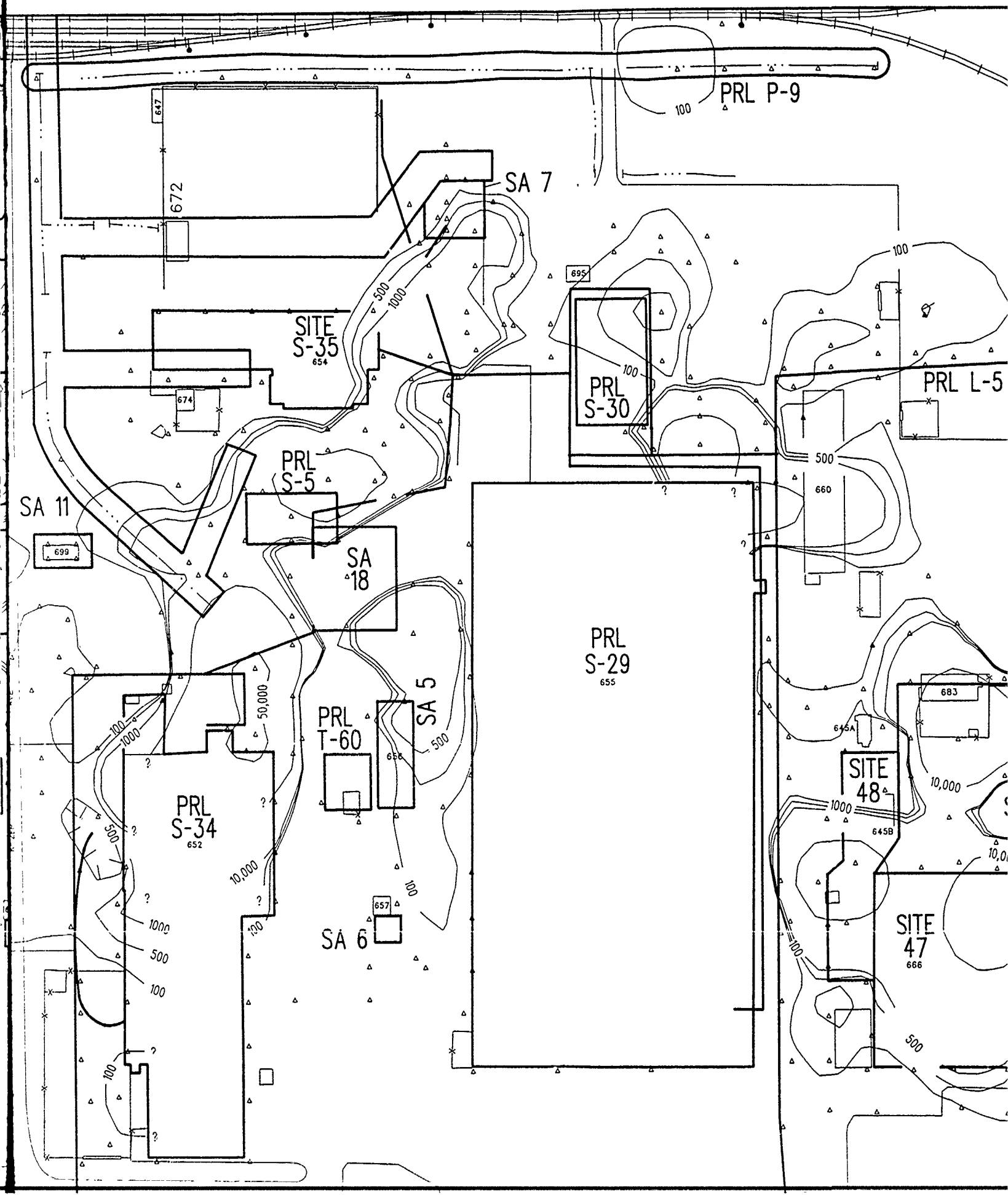
-  SITES, PRLs AND SAs IN THE BUILDING 655 AREA
-  SOIL GAS PROBE
-  CHAIN LINK/BARBED WIRE FENCE
-  RAILROAD TRACKS
-  STORM DRAIN

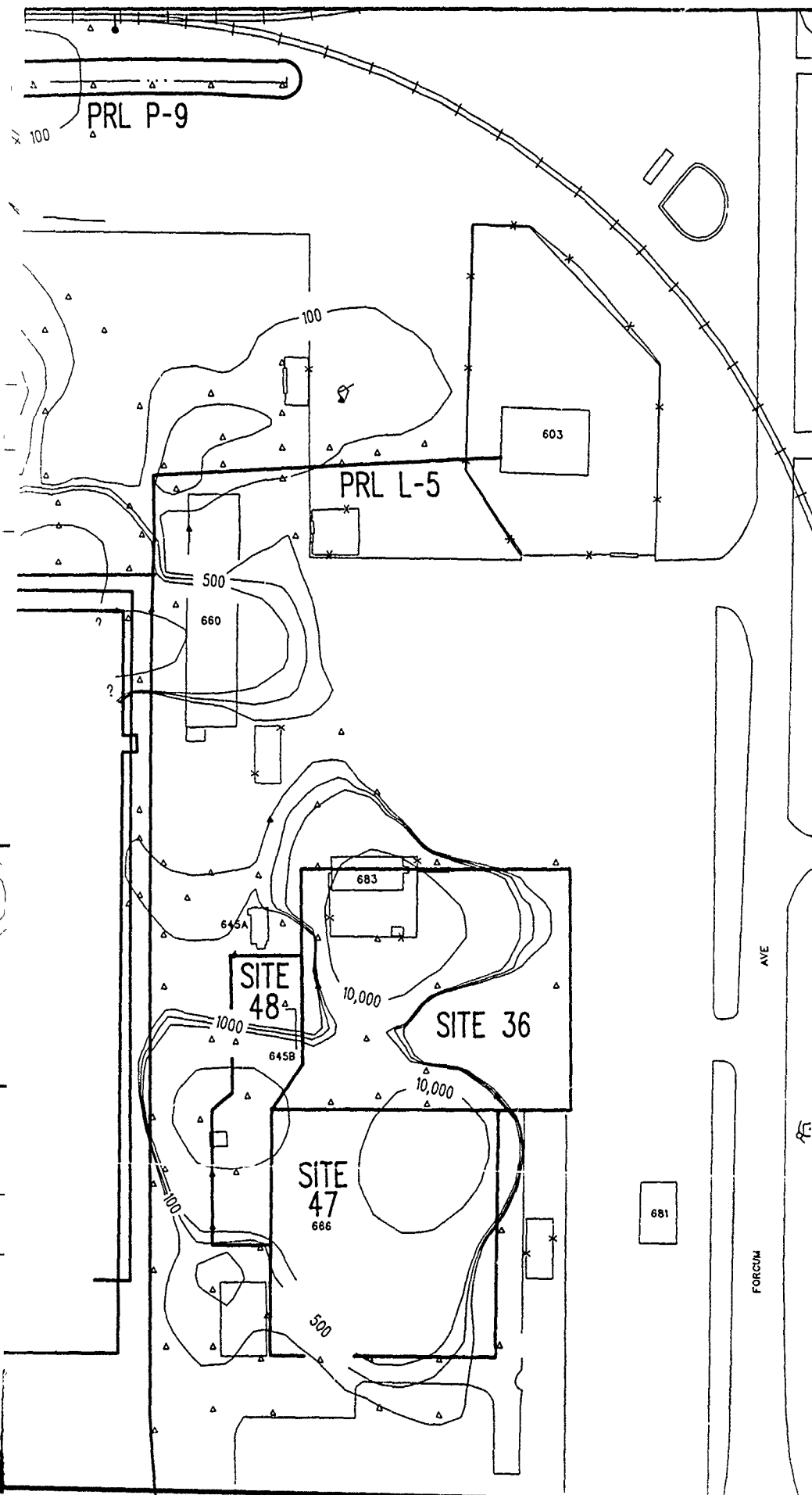
THE BUILDING 655 AREA INCLUDES:
SITES 36, 47, AND 48; PRLs L-5,
L-6, P-9, S-5, S-29, S-34, AND
S-35; SAs 5, 6, 7, 8, 11, 14 AND 18.

/DUBMSR3/655LOC

PLATE A-1. Soil Gas Sampling
Locations at the Building
655 Area.



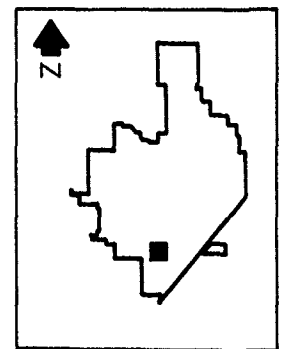
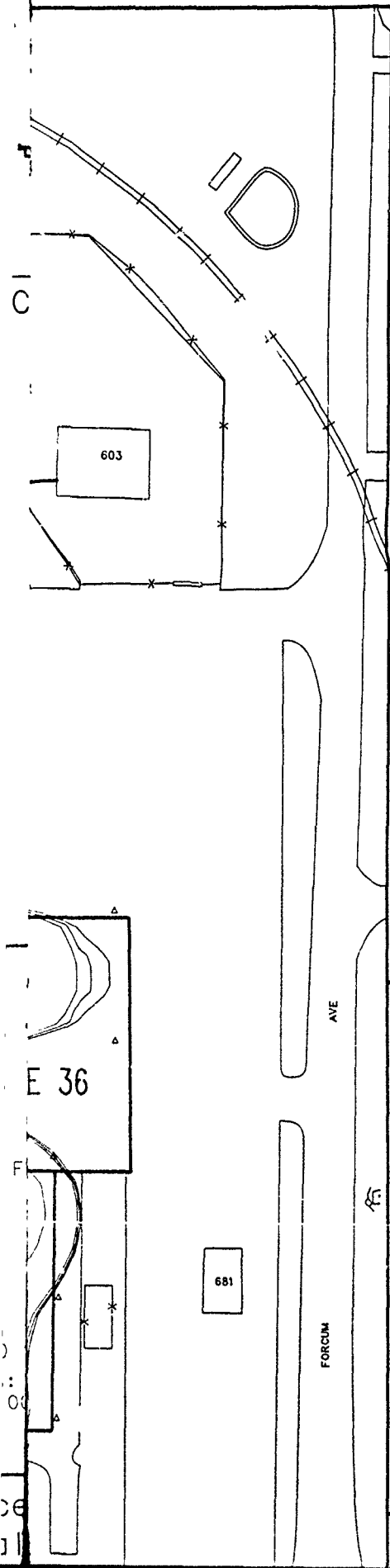




LEGEND



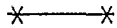
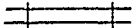

- SITES, PRLs AND SAs
THE BUILDING 655
- SOIL GAS PROBE
- CHAIN LINK/BARBE
- RAILROAD TRACKS
- STORM DRAIN

THE BUILDING 655 AREA INC
SITES 36, 47, AND 48; PRL
L-6, P-9, S-5, S-29, S-34
S-35; SAs 5, 6, 7, 8, 11.
ISOPLETH CONCENTRATION IN
1000/10,000//50,000/100,0



LOCATION MAP

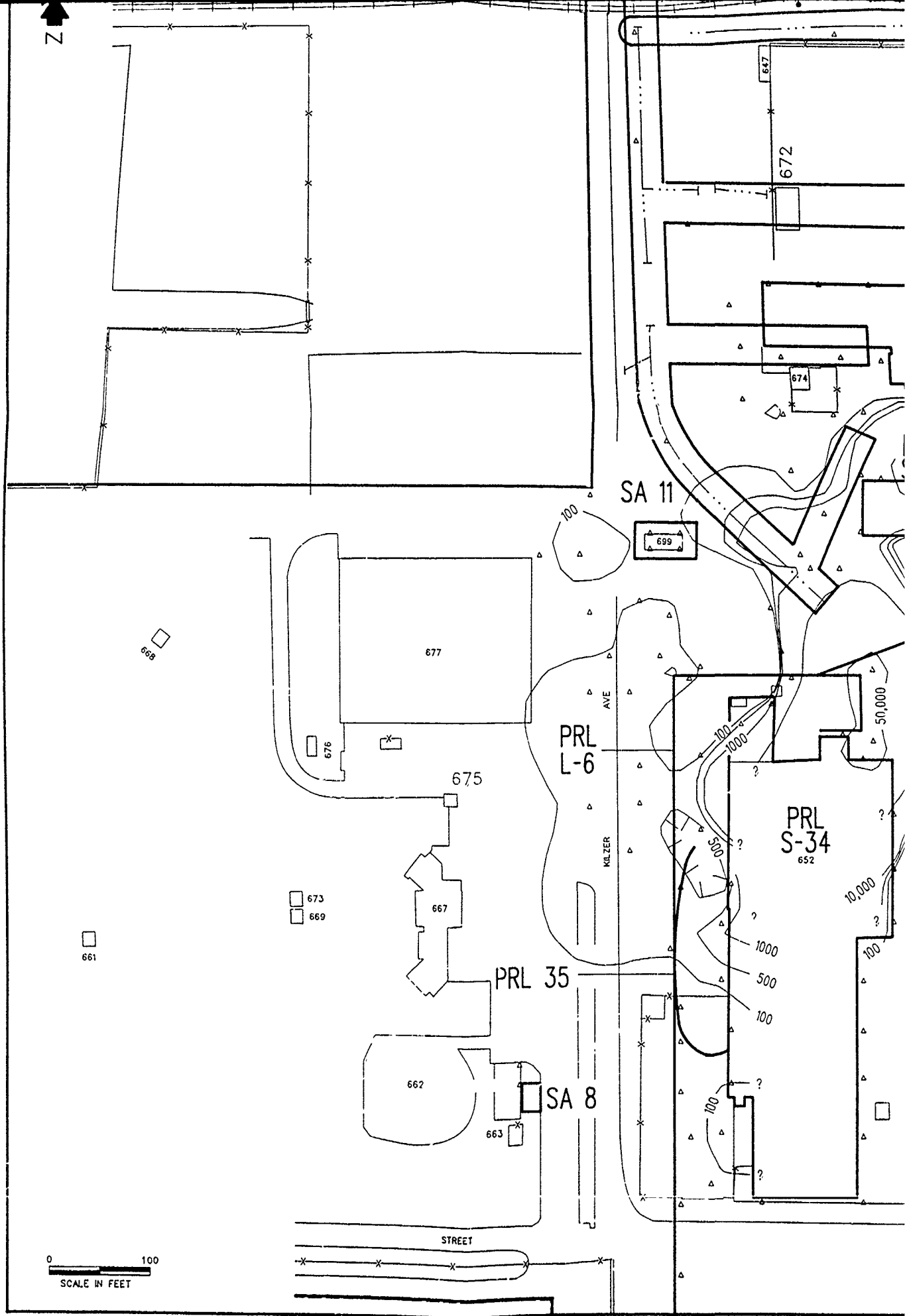
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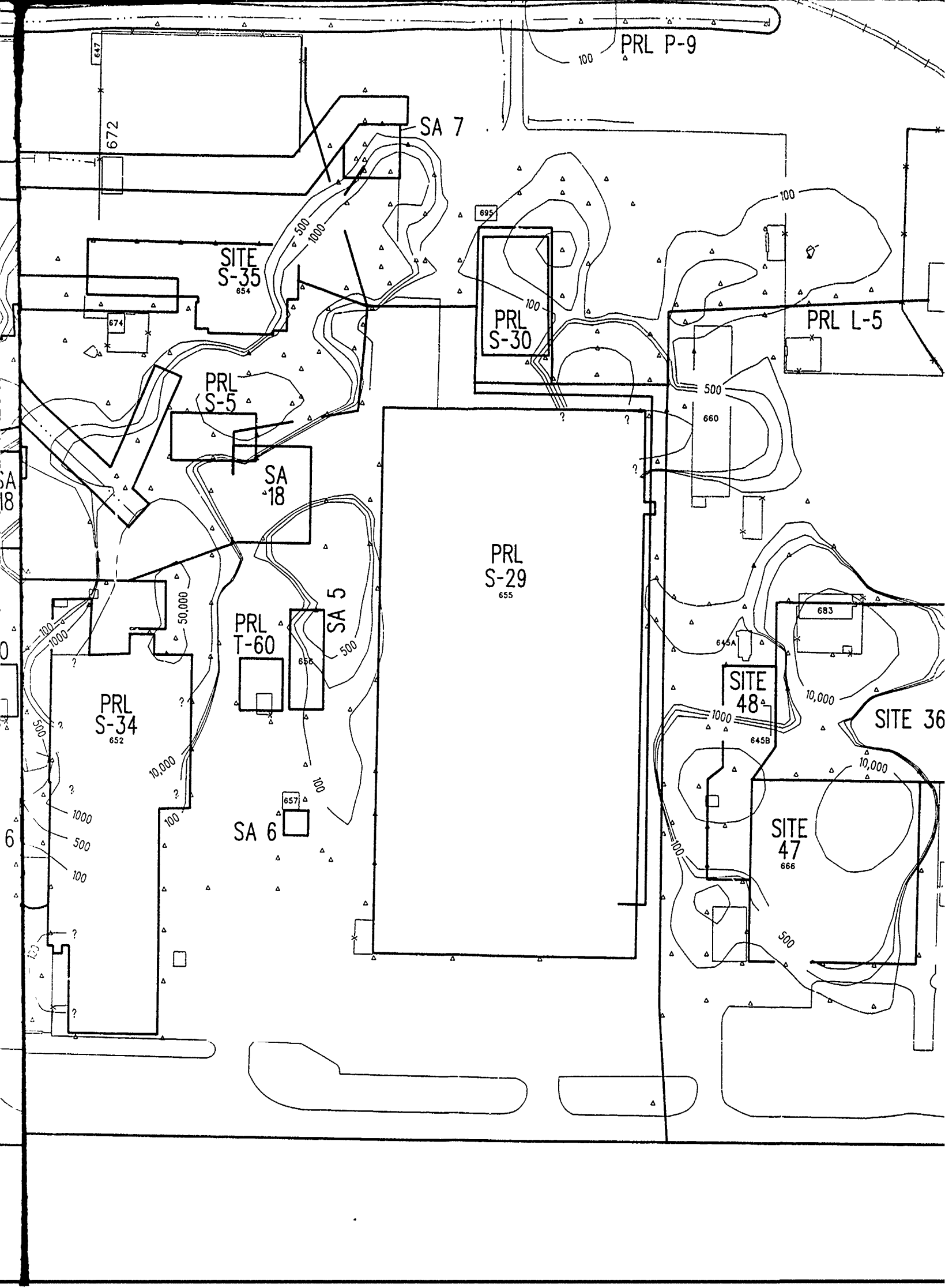
-  SITES, PRLs AND SAs IN THE BUILDING 655 AREA
-  SOIL GAS PROBE
-  CHAIN LINK/BARBED WIRE FENCE
-  RAILROAD TRACKS
-  STORM DRAIN

THE BUILDING 655 AREA INCLUDES:
 SITES 36, 47, AND 48; PRLs L-5,
 L-6, P-9, S-5, S-29, S-34, AND
 S-35; SAs 5, 6, 7, 8, 11, 14 AND 18.

ISOPLETH CONCENTRATION INTERVALS: 100/500/
 1000/10,000//50,000/100,000/500,000

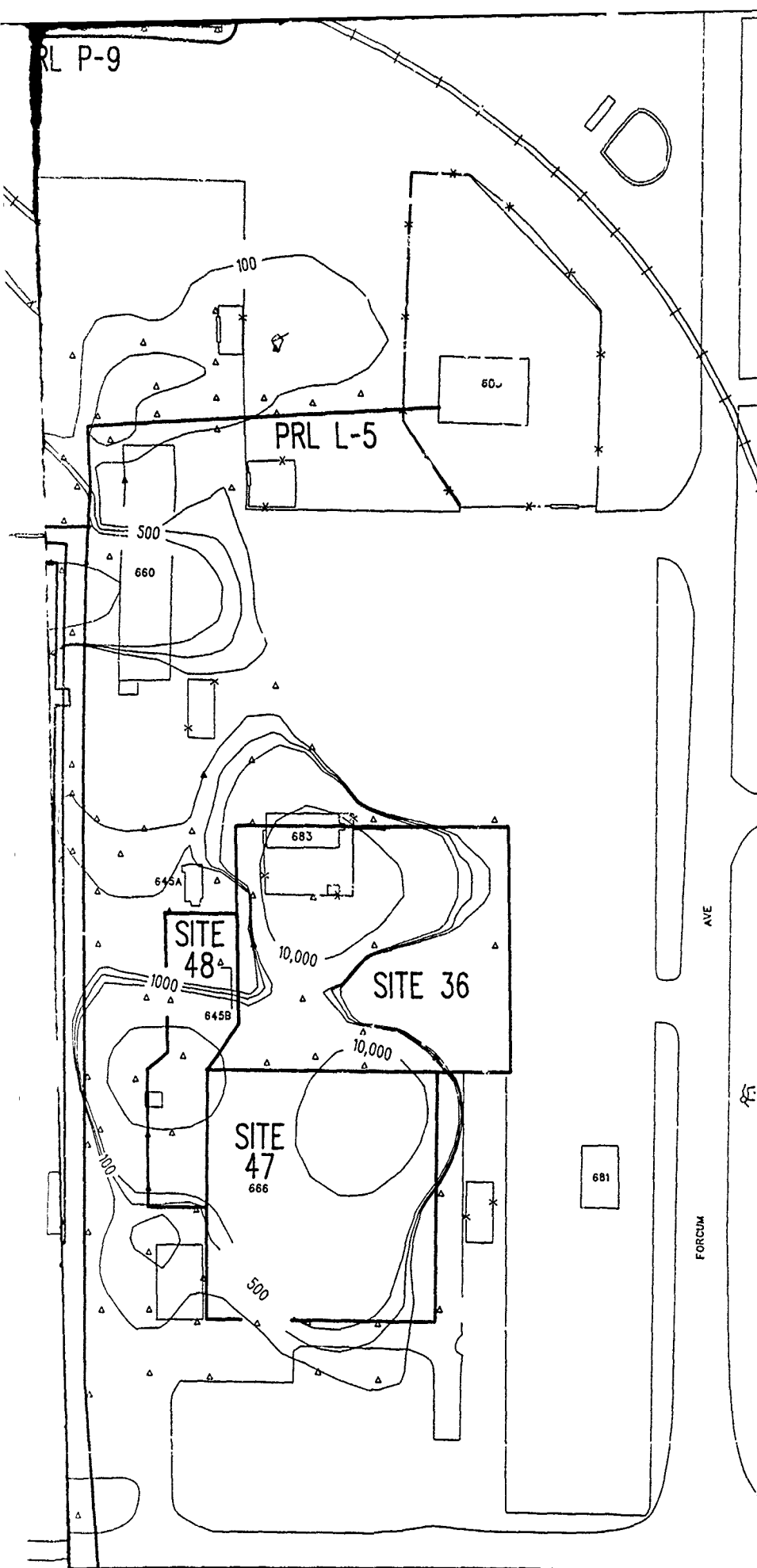
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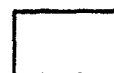


RL P-9

LC



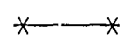
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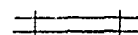
SITES, PRLs AND SAs IN THE BUILDING 655 AREA



SOIL GAS PROBE



CHAIN LINK/BARBED WIRE FENCE



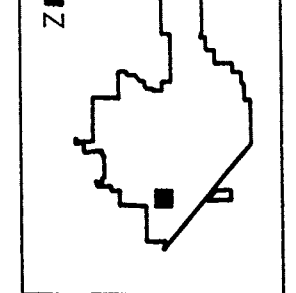
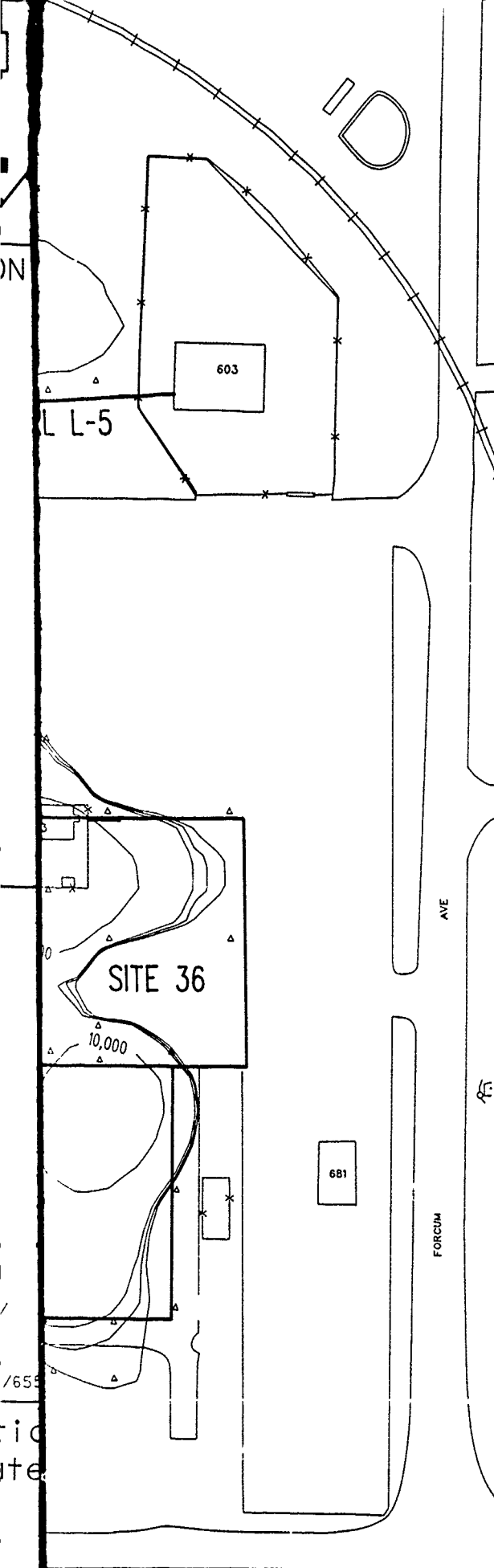
RAILROAD TRACKS



STORM DRAIN

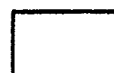
THE BUILDING 655 AREA INCLUDES:
SITES 36, 47, AND 48; PRLs L-5, L-6, P-9, S-5, S-29, S-34, AND S-35; SAs 5, 6, 7, 8, 11, 14 AND 15
ISOPLETH CONCENTRATION INTERVALS:
1000/10,000/50,000/100,000/500,000

PLATE A-2. Soil Gas Concentration
Isopleth Map of Total Halogenated
Volatile Organic Compound
at the Building 655 Area.



LOCATION MAP

LEGEND



SITES, PRLs AND SAs IN
THE BUILDING 655 AREA



SOIL GAS PROBE



CHAIN LINK/BARBED WIRE FENCE



RAILROAD TRACKS



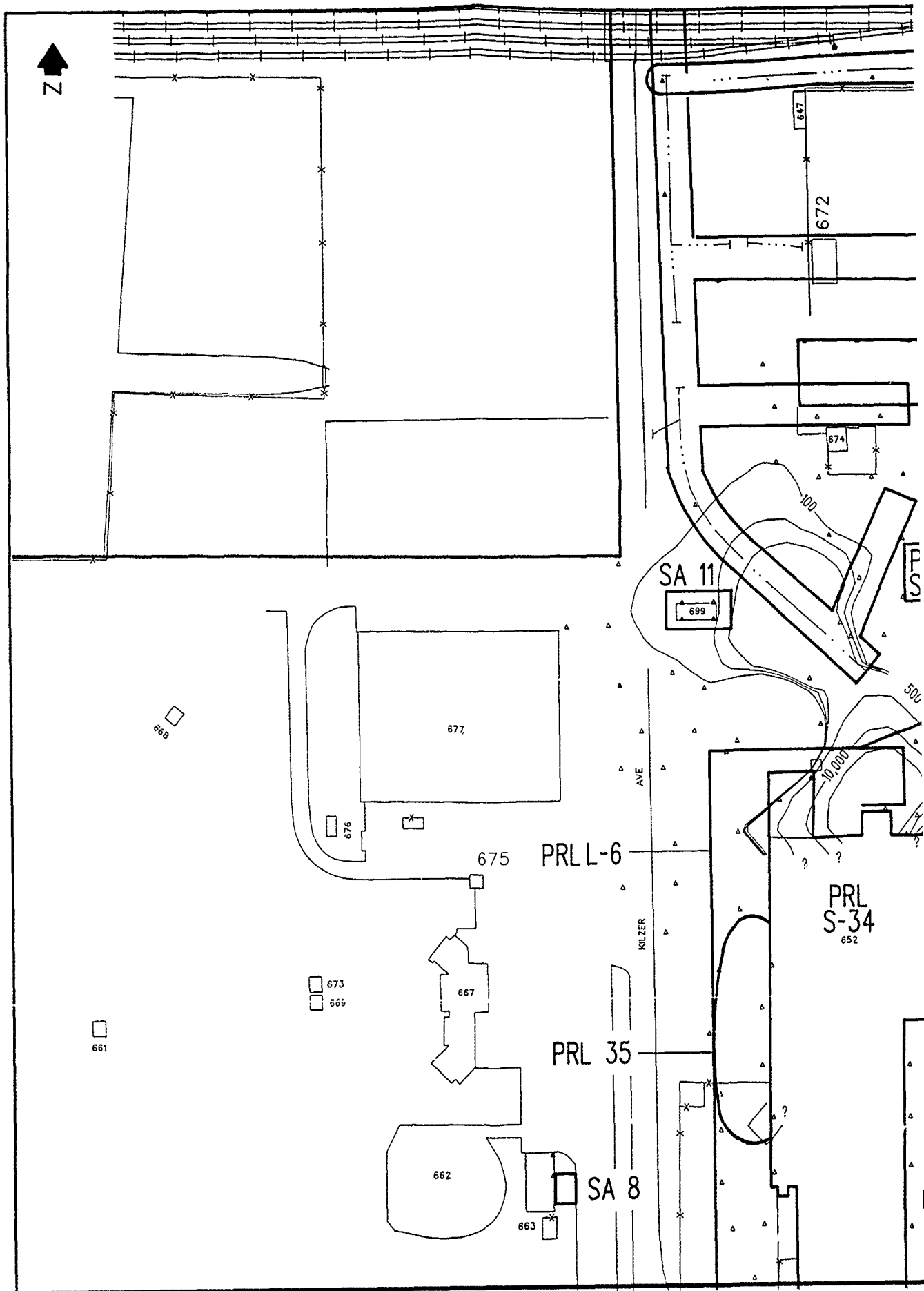
STORM DRAIN

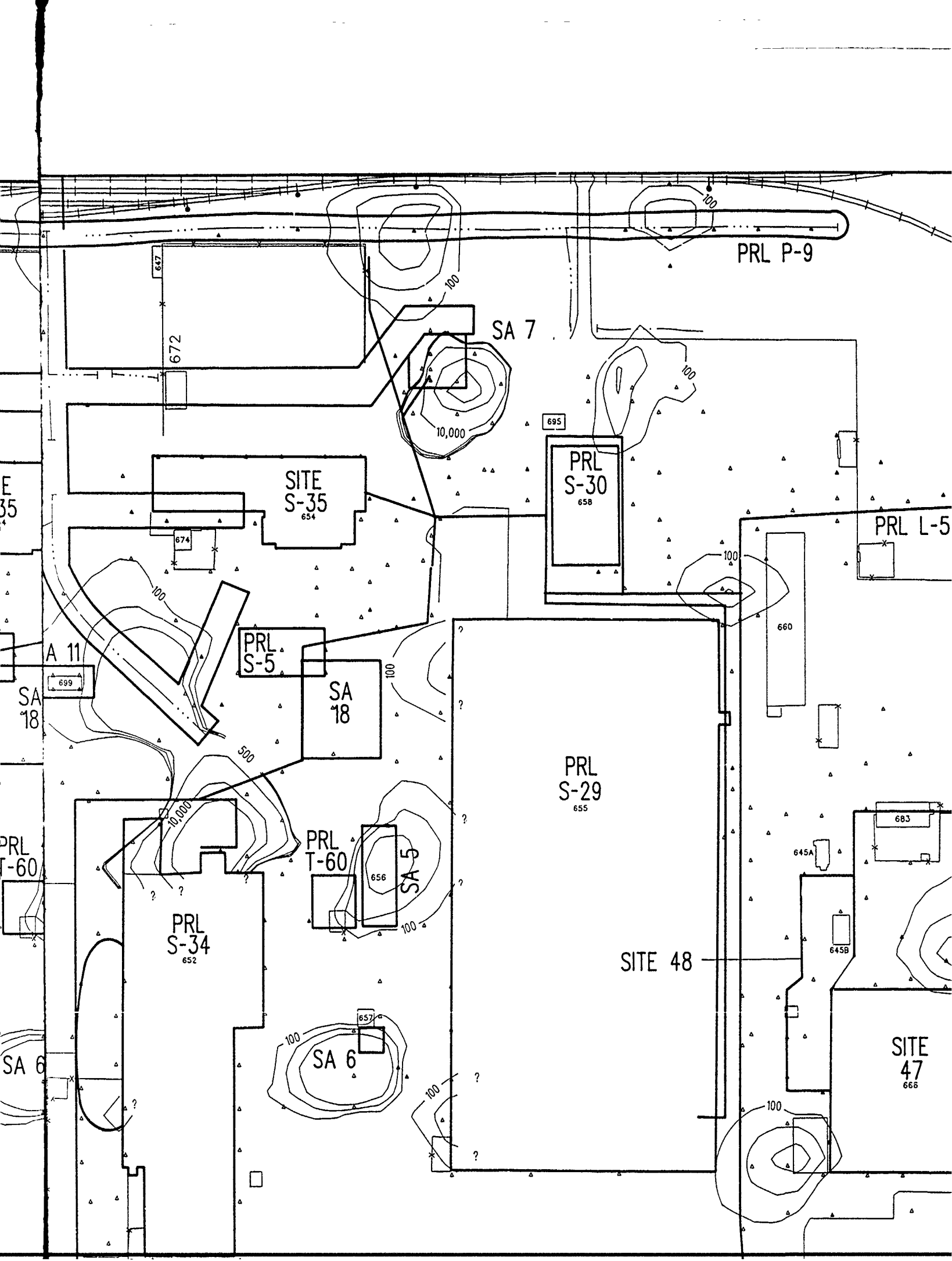
THE BUILDING 655 AREA INCLUDES:
SITES 36, 47, AND 48; PRLs L-5,
L-6, P-9, S-5, S-29, S-34, AND
S-35; SAs 5, 6, 7, 8, 11, 14 AND 18.

ISOPLETH CONCENTRATION INTERVALS: 100/500/
1000/10,000//50,000/100,000/500,000

/OUBMSR3/655HVOC

PLATE A-2. Soil Gas Concentration
Isopleth Map of Total Halogenated
Volatile Organic Compounds
at the Building 655 Area.





PRL P-9

SA 7

SITE
S-35
654

PRL
S-30
658

PRL L-5

A 11

PRL
S-5

SA
18

PRL
S-29
655

SITE 48

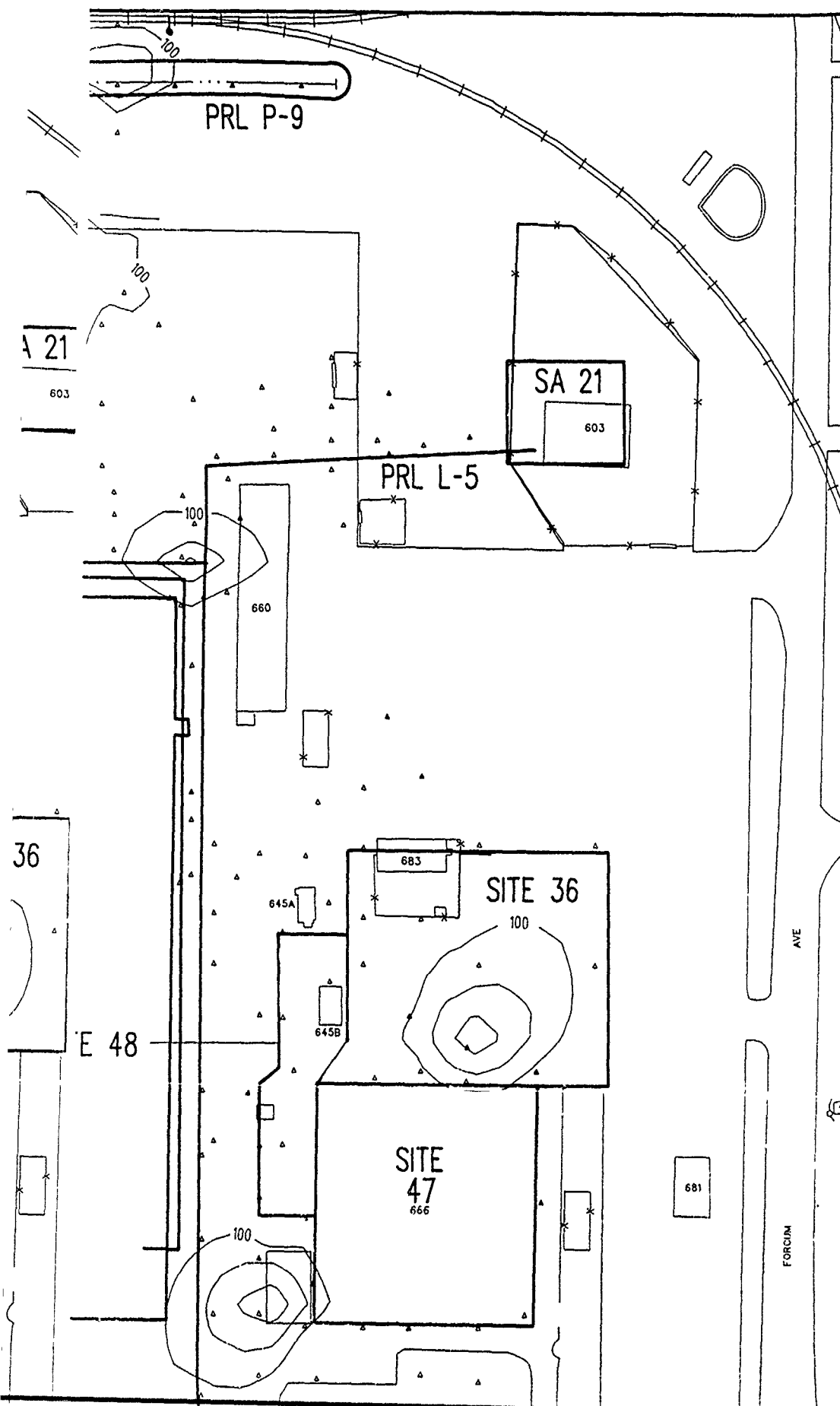
SITE
47
666

PRL
S-34
652



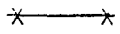
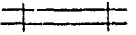

PRL
T-60

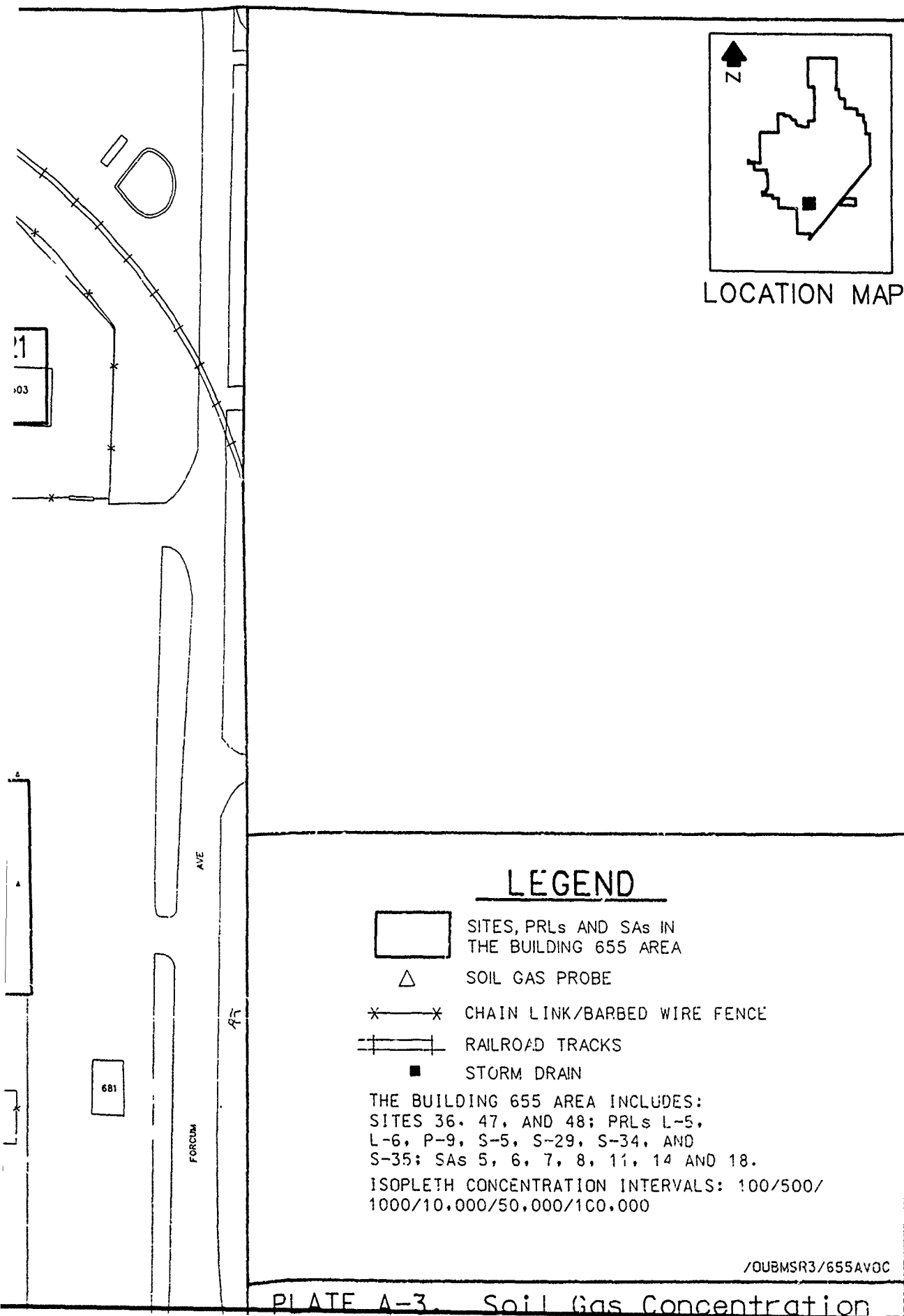
SA
5

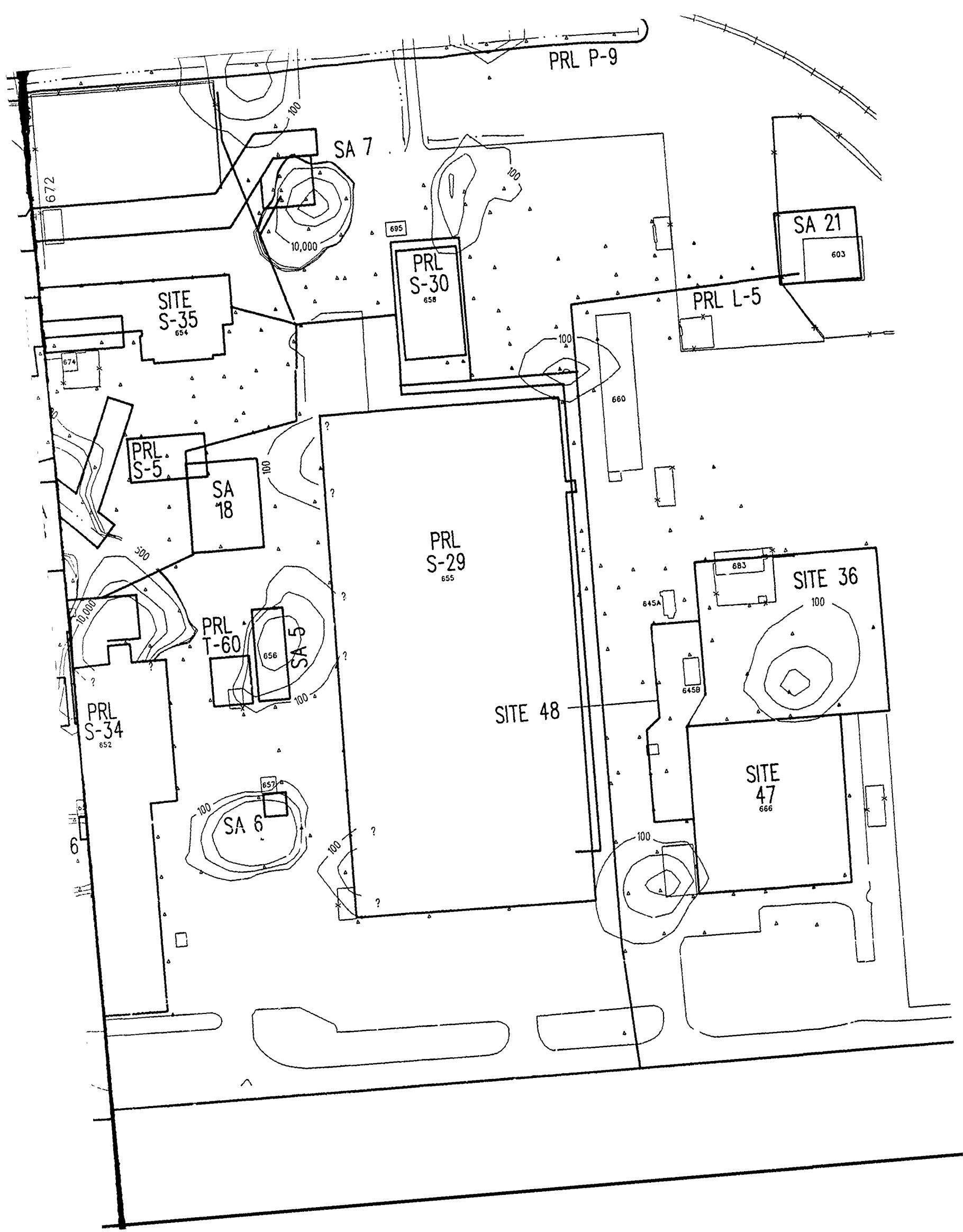
SA
6

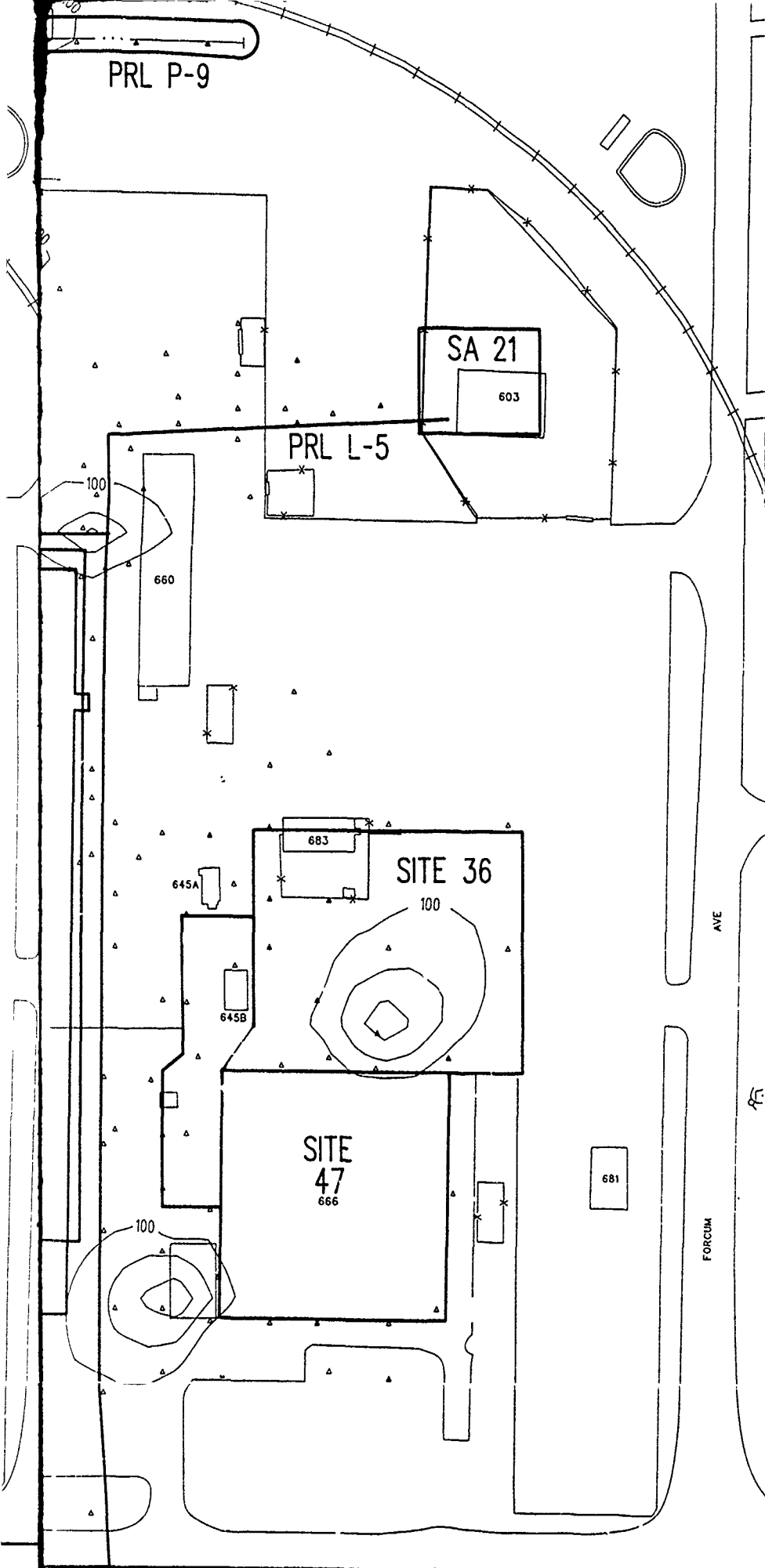


LEGEN

-  SITES, PRLs AND THE BUILDING 65
 -  SOIL GAS PROBE
 -  CHAIN LINK/BAR
 -  RAILROAD TRACKS
 -  STORM DRAIN
- THE BUILDING 655 AREA I
 SITES 36, 47, AND 48; P
 L-6, P-9, S-5, S-29, S-
 S-35; SAs 5, 6, 7, 8, '
 ISOPLETH CONCENTRATION
 1000/10,000/50,000/100,







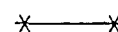
LEGEND



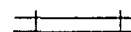
SITES, PRLs AND SAs IN THE BUILDING 655 AREA



SOIL GAS PROBE



CHAIN LINK/BARBED WIRE



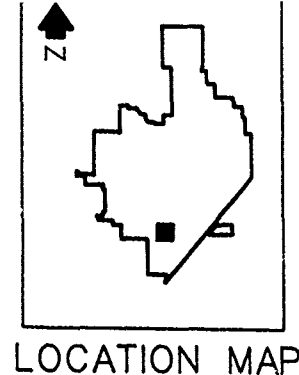
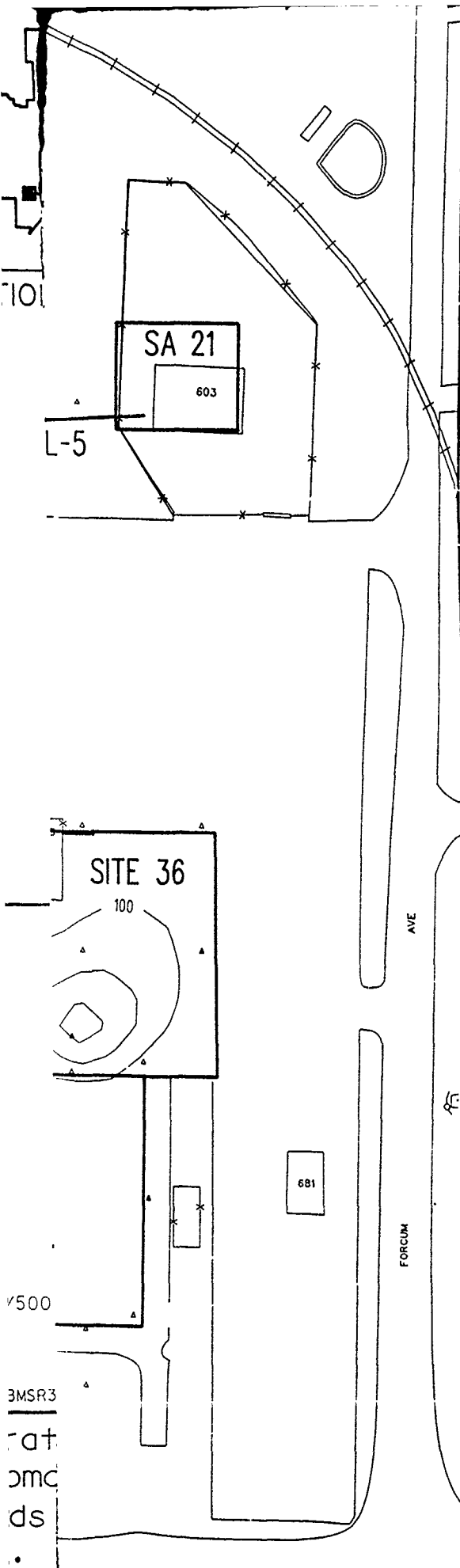
RAILROAD TRACKS



STORM DRAIN

THE BUILDING 655 AREA INCLUDES:
SITES 36, 47, AND 48; PRLs L-5,
L-6, P-9, S-5, S-29, S-34, AND
S-35; SAs 5, 6, 7, 8, 11, 14 AND
ISOPLETH CONCENTRATION INTERVAL
1000/10,000/50,000/100,000

PLATE A-3. Soil Gas Conc
Isopleth Map of Total
Volatile Organic Com
at the Building 655



LEGEND

- SITES, PRLs AND SAs IN THE BUILDING 655 AREA
- SOIL GAS PROBE
- CHAIN LINK/BARBED WIRE FENCE
- RAILROAD TRACKS
- STORM DRAIN

THE BUILDING 655 AREA INCLUDES:
 SITES 36, 47, AND 48; PRLs L-5, L-6, P-9, S-5, S-29, S-34, AND S-35; SAs 5, 6, 7, 8, 11, 14 AND 18.
 ISOPLETH CONCENTRATION INTERVALS: 100/500/1000/10,000/50,000/100,000

/OUBMSR3/655AVOC

PLATE A-3. Soil Gas Concentration Isopleth Map of Total Aromatic Volatile Organic Compounds at the Building 655 Area.